

TRC
Customer-Focused Solutions

October 14, 2005

SECOR International, Inc.
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670

ATTN: MR. THOMAS POTTER

SITE: FORMER CIRCLE K STORE 01106
1693 CENTRAL AVENUE
MCKINLEYVILLE, CALIFORNIA
LOP # 12698

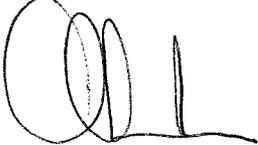
RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005

This Quarterly Monitoring Report for Former Circle K Store 01106 is being sent to you for your review and comment. If no comments are received by **October 21, 2005**, copies of this report will be sent to you for distribution.

Please send all comments to me at cherrera@trcsolutions.com. If you have any questions regarding this report, please call me at (949) 727-7345.

Sincerely,

TRC



Christina Carrillo
Technical Writer

TRC
Customer-Focused Solutions

October 14, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: FORMER CIRCLE K STORE 01106
1693 CENTRAL AVENUE
MCKINLEYVILLE, CALIFORNIA
LOP # 12698

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 20005

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for Former Circle K Store 01106, located at 1693 Central Avenue, McKinleyville, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC



Anju Farfan
QMS Operations Manager

CC: Thomas Potter, SECOR International, Inc. (2 copies)

Enclosures
20-0400/01106R08.QMS



Customer-Focused Solutions

**QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005**

FORMER CIRCLE K STORE 01106
1693 Central Avenue
McKinleyville, California
LOP # 12698

Prepared For:

Mr. Thomas H. Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations
October 11, 2005

LIST OF ATTACHMENTS

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Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time MTBE Concentrations vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
July 2005 through September 2005
Former Circle K Store 01106
1693 Central Avenue
McKinleyville, CA

Project Coordinator: **Thomas H. Kosel**
Telephone: **916-558-7666**

Water Sampling Contractor: **TRC**
Compiled by: **Valentina Tobon**

Date(s) of Gauging/Sampling Event: **08/02/05**

Sample Points

Groundwater wells: **5** onsite, **4** offsite Wells gauged: **8** Wells sampled: **8**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6.92 feet** Maximum: **12.49 feet**
Average groundwater elevation (relative to available local datum): **141.47 feet**
Average change in groundwater elevation since previous event: **-2.37 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.02 ft/ft, northwest**
 Previous event: **0.02 ft/ft, northwest (05/04/05)**

Selected Laboratory Results

Wells with detected **Benzene**: **1** Wells above MCL (1.0 µg/l): **1**
 Maximum reported benzene concentration: **1,200 µg/l (MW-2)**
Wells with **TPH-G** **1** Maximum: **6,000 µg/l (MW-2)**
Wells with **MTBE** **4** Maximum: **1,200 µg/l (MW-2)**

Notes:

MW-6=Inaccessible-Paved over,

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$, where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for Circle K Store 01106 in October 2003. Historical data compiled prior to that time was provided by Gettler-Ryan, Inc.

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 2, 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1														
08/02/05	149.55	8.27	0.00	141.28	-1.98	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-2														
08/02/05	150.14	7.94	0.00	142.20	-2.14	6000	--	1200	840	160	780	--	1200	
MW-3														
08/02/05	150.54	6.92	0.00	143.62	-2.90	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-4														
08/02/05	150.66	7.05	0.00	143.61	-2.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-5														
08/02/05	150.16	7.89	0.00	142.27	-1.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-6														
08/02/05	150.45	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible-Paved over
MW-7														
08/02/05	149.62	8.89	0.00	140.73	-1.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.81	
MW-8														
08/02/05	150.49	12.49	0.00	138.00	-3.59	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	10	
MW-9														
08/02/05	149.97	9.89	0.00	140.08	-2.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.51	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1														
02/16/00	149.55	4.68	0.00	144.87	--	ND	--	ND	ND	ND	ND	290	190	
06/29/00	149.55	7.22	0.00	142.33	-2.54	ND	--	6.4	ND	ND	ND	150	220	
09/18/00	149.55	9.60	0.00	139.95	-2.38	ND	--	ND	ND	ND	ND	120	96	
12/14/00	149.55	9.22	0.00	140.33	0.38	ND	--	3	ND	ND	ND	72	66	
03/07/01	149.55	6.61	0.00	142.94	2.61	ND	--	ND	ND	ND	ND	82.4	67	
06/05/01	149.55	9.18	0.00	140.37	-2.57	ND	--	ND	ND	ND	ND	7.6	3.3	
09/11/01	149.55	12.18	0.00	137.37	-3.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	46	69	
12/11/01	149.55	6.44	0.00	143.11	5.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	41	48	
03/12/02	149.55	4.45	0.00	145.10	1.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.3	5.1	
06/17/02	149.55	7.48	0.00	142.07	-3.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/10/02	149.55	10.98	0.00	138.57	-3.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	1.6	
12/10/02	149.55	12.78	0.00	136.77	-1.80	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/11/03	149.55	4.76	0.00	144.79	8.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	149.55	5.77	0.00	143.78	-1.01	ND<50	--	0.55	0.58	ND<0.50	ND<0.50	6.4	ND<2.0	
09/10/03	149.55	9.53	0.00	140.02	-3.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/09/03	149.55	7.37	0.00	142.18	2.16	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/17/04	149.55	4.60	0.00	144.95	2.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	4.9	
06/02/04	149.55	5.74	0.00	143.81	-1.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	2.0	
08/03/04	149.55	8.16	0.00	141.39	-2.42	ND<50	--	ND<0.3	0.54	0.47	1.6	1.3	ND<0.5	
11/09/04	149.55	8.48	0.00	141.07	-0.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
02/01/05	149.55	6.10	0.00	143.45	2.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	149.55	6.29	0.00	143.26	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/05	149.55	8.27	0.00	141.28	-1.98	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-2														

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
02/16/00	150.14	5.32	0.00	144.82	--	6000	--	1500	32	98	2500	22000	19000	
06/29/00	150.14	8.63	0.00	141.51	-3.31	3100	--	1200	350	26	760	3900	5200	
09/18/00	150.14	10.66	0.00	139.48	-2.03	900	--	460	2.6	ND	14	4000	3100	
12/14/00	150.14	11.25	0.00	138.89	-0.59	730	--	270	ND	ND	ND	3400	3500	
03/07/01	150.14	7.44	0.00	142.70	3.81	6040	--	637	116	87.2	439	7610	8700	
06/05/01	150.14	10.04	0.00	140.10	-2.60	2700	--	140	74	ND	37	8700	7500	
09/11/01	150.14	13.52	0.00	136.62	-3.48	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1900	2400	
12/11/01	150.14	6.50	0.00	143.64	7.02	640	--	310	18	15	35	6800	4900	
03/12/02	150.14	3.13	0.00	147.01	3.37	240	--	48	1.1	ND<0.50	6.2	480	560	
06/17/02	150.14	8.62	0.00	141.52	-5.49	970	--	390	140	5.8	180	1800	2400	
09/10/02	150.14	12.45	0.00	137.69	-3.83	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	15	2000	
12/10/02	150.14	13.93	0.00	136.21	-1.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	21	
03/11/03	150.14	3.84	0.00	146.30	10.09	ND<50	--	3.2	0.85	ND<0.50	2.7	19	6.5	
06/10/03	150.14	5.95	0.00	144.19	-2.11	1200	--	310	84	25	180	1100	500	
09/10/03	150.14	9.92	0.00	140.22	-3.97	--	1300	260	17	18	34	--	1900	
12/10/03	150.14	7.38	0.00	142.76	2.54	2000	--	110	ND<13	ND<13	ND<13	1200	1700	
03/17/04	150.14	3.28	0.00	146.86	4.10	120	--	6.5	ND<0.50	ND<0.50	ND<0.50	150	150	
06/02/04	150.14	6.36	0.00	143.78	-3.08	430	--	20	7.9	ND<2.5	10	370	380	
08/03/04	150.14	8.83	0.00	141.31	-2.47	160	--	0.34	0.50	ND<0.3	0.66	160	210	
11/09/04	150.14	9.85	0.00	140.29	-1.02	86	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	130	
02/01/05	150.14	4.30	0.00	145.84	5.55	990	--	180	58	17	70	--	200	
05/04/05	150.14	5.80	0.00	144.34	-1.50	110	--	27	6.5	0.65	7.7	--	26	
08/02/05	150.14	7.94	0.00	142.20	-2.14	6000	--	1200	840	160	780	--	1200	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
02/16/00	150.54	4.83	0.00	145.71	--	ND	--	ND	ND	ND	ND	5.2	3.1	
06/29/00	150.54	7.83	0.00	142.71	-3.00	ND	--	ND	ND	ND	ND	7.9	7.1	
09/18/00	150.54	10.73	0.00	139.81	-2.90	ND	--	ND	ND	ND	ND	65	37	
12/14/00	150.54	10.30	0.00	140.24	0.43	ND	--	5	ND	ND	ND	89	78	
03/07/01	150.54	6.55	0.00	143.99	3.75	ND	--	ND	ND	ND	ND	14.7	29	
06/05/01	150.54	9.38	0.00	141.16	-2.83	ND	--	ND	ND	ND	ND	10	15	
09/11/01	150.54	13.08	0.00	137.46	-3.70	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	33	75	
12/11/01	150.54	4.66	0.00	145.88	8.42	ND<50	--	0.67	ND<0.50	ND<0.50	ND<0.50	120	110	
03/12/02	150.54	2.39	0.00	148.15	2.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	18	
06/17/02	150.54	7.61	0.00	142.93	-5.22	ND<50	--	0.50	ND<0.50	ND<0.50	ND<0.50	32	21	
09/10/02	150.54	11.90	0.00	138.64	-4.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	53	70	
12/10/02	150.54	12.74	0.00	137.80	-0.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.6	6.5	
03/11/03	150.54	3.74	0.00	146.80	9.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	150.54	5.35	0.00	145.19	-1.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/10/03	150.54	9.67	0.00	140.87	-4.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13	
12/09/03	150.54	6.91	0.00	143.63	2.76	64	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	62	77	
03/17/04	150.54	3.00	0.00	147.54	3.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	150.54	5.72	0.00	144.82	-2.72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.7	7.7	
08/03/04	150.54	3.19	0.00	147.35	2.53	81	--	ND<0.3	ND<0.3	0.37	0.83	8.6	13	
11/09/04	150.54	8.22	0.00	142.32	-5.03	52	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	41	
02/01/05	150.54	6.27	0.00	144.27	1.95	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	150.54	4.02	0.00	146.52	2.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/05	150.54	6.92	0.00	143.62	-2.90	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
02/16/00	150.66	4.24	0.00	146.42	--	ND	--	ND	ND	ND	ND	13	8.7	
06/29/00	150.66	7.15	0.00	143.51	-2.91	ND	--	ND	ND	ND	ND	7.3	7	
09/18/00	150.66	9.90	0.00	140.76	-2.75	ND	--	ND	ND	ND	ND	25	18	
12/14/00	150.66	9.09	0.00	141.57	0.81	ND	--	ND	ND	ND	ND	ND	9.6	
03/07/01	150.66	6.45	0.00	144.21	2.64	ND	--	ND	ND	ND	ND	8.61	9.0	
06/05/01	150.66	9.09	0.00	141.57	-2.64	ND	--	ND	ND	ND	ND	ND	ND	
09/11/01	150.66	12.05	0.00	138.61	-2.96	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	26	
12/11/01	150.66	5.73	0.00	144.93	6.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.8	5.3	
03/12/02	150.66	3.96	0.00	146.70	1.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8.8	12	
06/17/02	150.66	7.51	0.00	143.15	-3.55	--	--	--	--	--	--	--	--	Sampled semi-annually
09/10/02	150.66	11.08	0.00	139.58	-3.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.3	6.2	
12/10/02	150.66	12.01	0.00	138.65	-0.93	--	--	--	--	--	--	--	--	Sampled semi-annually
03/11/03	150.66	4.59	0.00	146.07	7.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	150.66	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
09/10/03	150.66	9.56	0.00	141.10	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/09/03	150.66	7.40	0.00	143.26	2.16	--	--	--	--	--	--	--	--	Monitored Only
03/17/04	150.66	3.82	0.00	146.84	3.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	150.66	5.97	0.00	144.69	-2.15	--	--	--	--	--	--	--	--	Monitored Only
08/03/04	150.66	8.56	0.00	142.10	-2.59	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	ND<0.5	
11/09/04	150.66	8.14	0.00	142.52	0.42	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/05	150.66	5.05	0.00	145.61	3.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	150.66	4.75	0.00	145.91	0.30	--	--	--	--	--	--	--	--	Sampled semi-annually
08/02/05	150.66	7.05	0.00	143.61	-2.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
12/14/00	150.16	11.11	0.00	139.05	--	ND	--	2.4	ND	ND	ND	40	49	
03/07/01	150.16	8.50	0.00	141.66	2.61	ND	--	ND	ND	ND	ND	15.7	15	
06/05/01	150.16	10.78	0.00	139.38	-2.28	ND	--	ND	ND	ND	ND	ND	ND	
09/11/01	150.16	13.24	0.00	136.92	-2.46	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	38	52	
12/11/01	150.16	8.63	0.00	141.53	4.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	15	6.6	
03/12/02	150.16	6.25	0.00	143.91	2.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.5	3.2	
06/17/02	150.16	8.86	0.00	141.30	-2.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/10/02	150.16	11.85	0.00	138.31	-2.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<0.50	
12/10/02	150.16	13.43	0.00	136.73	-1.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/11/03	150.16	6.01	0.00	144.15	7.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	150.16	6.54	0.00	143.62	-0.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/10/03	150.16	10.47	0.00	139.69	-3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/09/03	150.16	3.49	0.00	146.67	6.98	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/17/04	150.16	4.38	0.00	145.78	-0.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	150.16	6.75	0.00	143.41	-2.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
08/03/04	150.16	9.21	0.00	140.95	-2.46	ND<50	--	ND<0.3	ND<0.3	ND<0.3	0.77	ND<1	ND<0.5	
11/09/04	150.16	10.00	0.00	140.16	-0.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
02/01/05	150.16	6.19	0.00	143.97	3.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	150.16	5.90	0.00	144.26	0.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/05	150.16	7.89	0.00	142.27	-1.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
MW-6														
12/14/00	150.45	10.54	0.00	139.91	--	110	--	44	ND	ND	ND	760	1100	
03/07/01	150.45	6.76	0.00	143.69	3.78	62.5	--	ND	ND	ND	ND	498	550	
06/05/01	150.45	9.94	0.00	140.51	-3.18	110	--	ND	ND	ND	ND	790	680	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
09/11/01	150.45	12.75	0.00	137.70	-2.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	410	590	
12/11/01	150.45	6.29	0.00	144.16	6.46	ND<50	--	11	ND<0.50	ND<0.50	ND<0.50	400	390	
03/12/02	150.45	4.18	0.00	146.27	2.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	150	
06/17/02	150.45	7.30	0.00	143.15	-3.12	ND<50	--	2.6	ND<0.50	ND<0.50	ND<0.50	100	120	
09/10/02	150.45	11.62	0.00	138.83	-4.32	96	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	190	
12/10/02	150.45	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/11/03	150.45	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
06/10/03	150.45	5.70	0.00	144.75	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	82	46	
09/10/03	150.45	9.36	0.00	141.09	-3.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	50	
12/09/03	150.45	7.06	0.00	143.39	2.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	28	33	
03/17/04	150.45	4.05	0.00	146.40	3.01	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	12	13	
06/02/04	150.45	5.50	0.00	144.95	-1.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	14	15	
08/03/04	150.45	8.01	0.00	142.44	-2.51	ND<50	--	ND<0.3	0.55	ND<0.3	1.2	22	21	
11/09/04	150.45	7.91	0.00	142.54	0.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	36	
02/01/05	150.45	4.94	0.00	145.51	2.97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	13	
05/04/05	150.45	4.90	0.00	145.55	0.04	ND<50	--	ND<0.50	ND<0.50	ND<0.50	1.1	--	4.6	
08/02/05	150.45	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible-Paved over
MW-7														
12/14/00	149.62	12.05	0.00	137.57	--	ND	--	ND	ND	ND	ND	10	9	
03/07/01	149.62	9.30	0.00	140.32	2.75	ND	--	ND	ND	ND	ND	6.35	12	
06/05/01	149.62	11.78	0.00	137.84	-2.48	ND	--	ND	ND	ND	ND	9.5	6.7	
09/11/01	149.62	13.90	0.00	135.72	-2.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.8	10	
12/11/01	149.62	9.56	0.00	140.06	4.34	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	9.8	
03/12/02	149.62	7.24	0.00	142.38	2.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.2	4.9	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
06/17/02	149.62	10.30	0.00	139.32	-3.06	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.1	4.3	
09/10/02	149.62	12.89	0.00	136.73	-2.59	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.6	5.1	
12/10/02	149.62	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/11/03	149.62	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
06/10/03	149.62	8.27	0.00	141.35	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/10/03	149.62	11.85	0.00	137.77	-3.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.1	
12/10/03	149.62	9.94	0.00	139.68	1.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.6	
03/17/04	149.62	8.33	0.00	141.29	1.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	149.62	10.14	0.00	139.48	-1.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.8	
08/03/04	149.62	12.53	0.00	137.09	-2.39	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	ND<0.5	
11/09/04	149.62	11.05	0.00	138.57	1.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.8	
02/01/05	149.62	7.34	0.00	142.28	3.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.62	
05/04/05	149.62	7.32	0.00	142.30	0.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.54	
08/02/05	149.62	8.89	0.00	140.73	-1.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.81	
MW-8														
12/14/00	150.49	12.83	0.00	137.66	--	ND	--	ND	ND	ND	ND	ND	ND	
03/07/01	150.49	9.88	0.00	140.61	2.95	ND	--	ND	ND	ND	ND	ND	ND	
06/05/01	150.49	12.57	0.00	137.92	-2.69	ND	--	ND	ND	ND	ND	ND	ND	
09/11/01	150.49	14.61	0.00	135.88	-2.04	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
12/11/01	150.49	9.80	0.00	140.69	4.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
03/12/02	150.49	7.34	0.00	143.15	2.46	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
06/17/02	150.49	11.15	0.00	139.34	-3.81	--	--	--	--	--	--	--	--	Sampled semi-annually
09/10/02	150.49	13.75	0.00	136.74	-2.60	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	1.2	
12/10/02	150.49	14.93	0.00	135.56	-1.18	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
03/11/03	150.49	7.96	0.00	142.53	6.97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	150.49	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
09/10/03	150.49	12.70	0.00	137.79	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/09/03	150.49	8.56	0.00	141.93	4.14	--	--	--	--	--	--	--	--	Monitored Only
03/17/04	150.49	9.23	0.00	141.26	-0.67	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	4.7	
06/02/04	150.49	12.02	0.00	138.47	-2.79	--	--	--	--	--	--	--	--	Monitored Only
08/03/04	150.49	14.65	0.00	135.84	-2.63	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	0.62	
11/09/04	150.49	14.13	0.00	136.36	0.52	--	--	--	--	--	--	--	--	
02/01/05	150.49	10.90	0.00	139.59	3.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.9	Sampled semi-annually
05/04/05	150.49	8.90	0.00	141.59	2.00	--	--	--	--	--	--	--	--	
08/02/05	150.49	12.49	0.00	138.00	-3.59	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	10	Sampled semi-annually
MW-9														
12/14/00	149.97	11.60	0.00	138.37	--	ND	--	ND	ND	ND	ND	ND	3.1	
03/07/01	149.97	8.71	0.00	141.26	2.89	ND	--	ND	ND	ND	ND	6.22	4.4	
06/05/01	149.97	11.32	0.00	138.65	-2.61	ND	--	ND	ND	ND	ND	8.8	7.9	
09/11/01	149.97	13.29	0.00	136.68	-1.97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.0	10	
12/11/01	149.97	9.10	0.00	140.87	4.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.1	6.6	
03/12/02	149.97	6.35	0.00	143.62	2.75	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.88	5.0	5.7	
06/17/02	149.97	9.75	0.00	140.22	-3.40	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.9	8.1	
09/10/02	149.97	12.40	0.00	137.57	-2.65	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8.4	9.2	
12/10/02	149.97	13.63	0.00	136.34	-1.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/11/03	149.97	6.75	0.00	143.22	6.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	149.97	7.93	0.00	142.04	-1.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/10/03	149.97	11.35	0.00	138.62	-3.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.5	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2005
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
12/09/03	149.97	9.15	0.00	140.82	2.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/17/04	149.97	6.90	0.00	143.07	2.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	149.97	9.60	0.00	140.37	-2.70	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.77	
08/03/04	149.97	7.10	0.00	142.87	2.50	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	ND<0.5	
11/09/04	149.97	11.85	0.00	138.12	-4.75	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.96	
02/01/05	149.97	7.66	0.00	142.31	4.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	149.97	7.41	0.00	142.56	0.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/05	149.97	9.89	0.00	140.08	-2.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.51	

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	EDC (µg/l)	EDB (µg/l)	NO3 (mg/l)	Sulfate (mg/l)	Alka-linity (µg/l)	Iron (µg/l)	Carbon-Dioxide (µg/ml)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Methanol 8015B (mg/l)	Fe+2 (mg/l)	Methane (µg/ml)	COD (mg/l)
MW-1															
02/16/00	ND	ND	--	--	--	--	--	32	ND	ND	ND	ND	--	--	--
06/29/00	ND	ND	--	--	--	--	--	39	ND	ND	ND	ND	--	--	--
09/18/00	ND	ND	--	--	--	--	--	14	ND	ND	ND	ND	--	--	--
12/14/00	ND	ND	--	--	--	--	--	9.3	ND	ND	ND	ND	--	--	--
03/07/01	ND	ND	--	--	--	--	--	11	ND	ND	ND	ND	--	--	--
06/05/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
09/11/01	ND<2.0	ND<2.0	--	--	--	--	--	9.2	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
12/11/01	ND<2.0	ND<2.0	--	--	--	--	--	7.6	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
03/12/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
06/17/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<0.100	--	--	--
09/10/02	ND<0.50	ND<0.50	--	--	--	--	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.500	--	--	--
12/10/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	0.120	--	--	--
03/11/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
06/10/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
09/10/03	ND<2.0	ND<2.0	--	0.009	52	0.28	24	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.01	--	ND<0.010	ND<0.005
12/09/03	ND<2.0	ND<2.0	34	9.3	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<10	ND<0.20	--	ND<5.0
03/17/04	ND<2.0	ND<2.0	31	10	--	--	35	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.50	ND<0.20	ND<0.010	--
06/02/04	ND<0.50	ND<0.50	32	12	--	--	49	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	ND<0.20	ND<0.010	ND<5
08/03/04	ND<0.5	ND<0.5	29.9	7.9	54000	--	--	ND<1	ND<12	ND<1	ND<1	--	1.7	ND<0.001	32
11/09/04	--	--	28	--	--	--	19	--	--	--	--	--	ND<0.010	ND<0.010	5.7
02/01/05	--	--	33	12	--	--	57	--	--	--	--	--	0.095	ND<0.001	ND<5.0
05/04/05	--	--	33	9.7	--	--	51	--	--	--	--	--	0.078	ND<0.1	9.0
08/02/05	--	--	35	11	--	--	--	--	--	--	--	--	0.080	--	--
MW-2															
02/16/00	ND	ND	--	--	--	--	--	5200	ND	ND	ND	ND	--	--	--
06/29/00	ND	ND	--	--	--	--	--	1300	ND	ND	ND	ND	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	EDC (µg/l)	EDB (µg/l)	NO3 (mg/l)	Sulfate (mg/l)	Alka-linity (µg/l)	Iron (µg/l)	Carbon-Dioxide (µg/ml)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Methanol 8015B (mg/l)	Fe+2 (mg/l)	Methane (µg/ml)	COD (mg/l)
MW-2 continued															
09/18/00	ND	ND	--	--	--	--	--	770	ND	ND	ND	ND	--	--	--
12/14/00	ND	ND	--	--	--	--	--	850	260	ND	ND	ND	--	--	--
03/07/01	ND	ND	--	--	--	--	--	2400	ND	ND	ND	ND	--	--	--
06/05/01	ND	ND	--	--	--	--	--	2100	ND	ND	ND	ND	--	--	--
09/11/01	ND<20	ND<20	--	--	--	--	--	500	ND<200	ND<20	ND<20	ND<0.500	--	--	--
12/11/01	ND<40	ND<40	--	--	--	--	--	1300	ND<400	ND<40	ND<40	ND<0.500	--	--	--
03/12/02	ND<200	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	ND<0.100	--	--	--
06/17/02	ND<20	ND<20	--	--	--	--	--	490	ND<200	ND<20	ND<20	0.31	--	--	--
09/10/02	ND<50	ND<50	--	--	--	--	--	320	ND<500	ND<50	ND<50	ND<0.500	--	--	--
12/10/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
03/11/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
06/10/03	ND<2.0	ND<2.0	--	--	--	--	--	110	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
09/10/03	ND<40	ND<40	--	0.0059	59	ND<0.2	28	420	ND<2000	ND<40	ND<40	ND<0.01	--	ND<0.010	0.65
12/10/03	ND<20	ND<20	9.9	8.5	--	--	--	370	ND<1000	ND<20	ND<20	88.2	ND<0.20	--	19
03/17/04	ND<2.0	ND<2.0	25	16	--	--	38	32	ND<100	ND<2.0	ND<2.0	ND<0.50	ND<0.20	ND<0.010	--
06/02/04	ND<2.5	ND<2.5	14	9.6	--	--	46	61	32	ND<5.0	ND<2.5	ND<0.50	ND<0.20	ND<0.010	ND<5
08/03/04	ND<0.5	ND<0.5	8.56	7.7	87000	--	--	18	36	ND<1	ND<1	--	1.7	ND<0.001	ND<20
11/09/04	--	--	45	--	--	--	24	--	--	--	--	--	ND<0.010	ND<0.010	15
02/01/05	--	--	18	11	--	--	73	--	--	--	--	--	0.027	ND<0.001	ND<5.0
05/04/05	--	--	21	12	--	--	39	--	--	--	--	--	ND<0.050	ND<0.1	13
08/02/05	--	--	14	7.6	--	--	--	--	--	--	--	--	ND<0.050	--	--
MW-3															
02/16/00	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
06/29/00	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
09/18/00	ND	ND	--	--	--	--	--	6.2	ND	ND	ND	ND	--	--	--
12/14/00	ND	ND	--	--	--	--	--	15	ND	ND	ND	ND	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	EDC (µg/l)	EDB (µg/l)	NO3 (mg/l)	Sulfate (mg/l)	Alka-linity (µg/l)	Iron (µg/l)	Carbon-Dioxide (µg/ml)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	E/TBE 8260B (µg/l)	Methanol 8015B (mg/l)	Fe+2 (mg/l)	Methane (µg/ml)	COD (mg/l)
MW-3 continued															
03/07/01	ND	ND	--	--	--	--	--	5.4	ND	ND	ND	ND	--	--	--
06/05/01	ND	ND	--	--	--	--	--	2.8	ND	ND	ND	ND	--	--	--
09/11/01	ND<2.0	ND<2.0	--	--	--	--	--	8.6	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
12/11/01	ND<2.0	ND<2.0	--	--	--	--	--	23	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
03/12/02	ND<2.0	ND<2.0	--	--	--	--	--	3.6	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
06/17/02	ND<2.0	ND<2.0	--	--	--	--	--	6.1	ND<20	ND<2.0	ND<2.0	ND<0.100	--	--	--
09/10/02	ND<0.50	ND<0.50	--	--	--	--	--	13	ND<5.0	ND<0.50	ND<0.50	ND<0.500	--	--	--
12/10/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	0.130	--	--	--
03/11/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
06/10/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
09/10/03	ND<2.0	ND<2.0	--	0.0079	26	5.4	26	2.3	ND<100	ND<2.0	ND<2.0	ND<0.01	--	ND<0.010	0.05
12/09/03	ND<2.0	ND<2.0	47	7.1	--	--	--	15	ND<100	ND<2.0	ND<2.0	ND<10	ND<0.20	--	13
03/17/04	ND<2.0	ND<2.0	68	20	--	--	87	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.50	ND<0.20	ND<0.010	--
06/02/04	ND<0.50	ND<0.50	47	8.4	--	--	88	1.4	ND<5.0	ND<1.0	ND<0.50	ND<0.50	ND<0.20	ND<0.010	ND<5
08/03/04	ND<0.5	ND<0.5	37.7	5.2	43000	--	--	1.8	ND<12	ND<1	ND<1	--	0.34	ND<0.001	50
11/09/04	--	--	3.8	--	--	--	26	--	--	--	--	--	ND<0.010	ND<0.010	ND<5.0
02/01/05	--	--	65	20	--	--	120	--	--	--	--	--	0.068	ND<0.001	10
05/04/05	--	--	51	19	--	--	120	--	--	--	--	--	ND<0.050	ND<0.1	11
08/02/05	--	--	43	7.3	--	--	--	--	--	--	--	--	0.20	--	--
MW-4															
02/16/00	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
06/29/00	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
09/18/00	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
12/14/00	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
03/07/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
06/05/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	EDC (µg/l)	EDB (µg/l)	NO3 (mg/l)	Sulfate (mg/l)	Alka-linity (µg/l)	Iron (µg/l)	Carbon-Dioxide (µg/ml)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Methanol 8015B (mg/l)	Fe+2 (mg/l)	Methane (µg/ml)	COD (mg/l)
MW-4 continued															
09/11/01	ND<2.0	ND<2.0	--	--	--	--	--	3.2	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
12/11/01	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
03/12/02	ND<2.0	ND<2.0	--	--	--	--	--	2.0	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
09/10/02	ND<0.50	ND<0.50	--	--	--	--	--	0.72	ND<5.0	ND<0.50	ND<0.50	ND<0.500	--	--	--
03/11/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--	--
09/10/03	ND<2.0	ND<2.0	--	0.005	36	9.7	28	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.01	--	ND<0.010	0.048
03/17/04	ND<2.0	ND<2.0	70	4.9	--	--	80	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.50	ND<0.20	ND<0.010	--
08/03/04	ND<0.5	ND<0.5	69.0	4.4	39000	--	--	ND<1	ND<12	ND<1	ND<1	--	2.2	ND<0.001	25
02/01/05	--	--	64	5.5	--	--	120	--	--	--	--	--	0.077	ND<0.001	ND<5.0
08/02/05	--	--	70	4.5	--	--	--	--	--	--	--	--	0.14	--	--
MW-5															
12/14/00	ND	ND	--	--	--	--	--	10	ND	ND	ND	ND	--	--	--
03/07/01	ND	ND	--	--	--	--	--	2.7	ND	ND	ND	ND	--	--	--
06/05/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
09/11/01	ND<2.0	ND<2.0	--	--	--	--	--	6.9	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
12/11/01	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
03/12/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
06/17/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<0.100	--	--	--
09/10/02	ND<0.50	ND<0.50	--	--	--	--	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.500	--	--	--
12/10/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
03/11/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
06/10/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
09/10/03	ND<2.0	ND<2.0	--	0.0088	26	13	20	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.01	--	ND<0.010	0.029
12/09/03	ND<2.0	ND<2.0	30	7.3	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<10	ND<0.20	--	ND<5.0
03/17/04	ND<2.0	ND<2.0	19	8.6	--	--	39	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.50	ND<0.20	ND<0.010	--
06/02/04	ND<0.50	ND<0.50	25	7.9	--	--	55	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	ND<0.20	ND<0.010	ND<5

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	EDC (µg/l)	EDB (µg/l)	NO3 (mg/l)	Sulfate (mg/l)	Alka-linity (µg/l)	Iron (µg/l)	Carbon-Dioxide (µg/ml)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	E/TBE 8260B (µg/l)	Methanol 8015B (mg/l)	Fe+2 (mg/l)	Methane (µg/ml)	COD (mg/l)
MW-5 continued															
08/03/04	ND<0.5	ND<0.5	32.1	7.2	64000	--	--	ND<1	ND<12	ND<1	ND<1	--	5	ND<0.001	36
11/09/04	--	--	29	--	--	--	23	--	--	--	--	--	ND<0.010	ND<0.010	ND<5.0
02/01/05	--	--	24	9.5	--	--	37	--	--	--	--	--	0.10	ND<0.001	ND<5.0
05/04/05	--	--	22	7.9	--	--	28	--	--	--	--	--	0.064	ND<0.1	5.3
08/02/05	--	--	15	11	--	--	--	--	--	--	--	--	ND<0.050	--	--
MW-6															
12/14/00	ND	ND	--	--	--	--	--	180	ND	ND	ND	ND	--	--	--
03/07/01	ND	ND	--	--	--	--	--	93	ND	ND	ND	ND	--	--	--
06/05/01	ND	ND	--	--	--	--	--	120	ND	ND	ND	ND	--	--	--
09/11/01	ND<10	ND<10	--	--	--	--	--	100	ND<100	ND<10	ND<10	ND<0.500	--	--	--
12/11/01	ND<2.0	ND<2.0	--	--	--	--	--	69	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
03/12/02	ND<20	ND<20	--	--	--	--	--	27	ND<1000	ND<20	ND<20	ND<0.100	--	--	--
06/17/02	ND<2.0	ND<2.0	--	--	--	--	--	21	ND<20	ND<2.0	ND<2.0	ND<0.100	--	--	--
09/10/02	ND<0.50	ND<0.50	--	--	--	--	--	30	ND<5.0	ND<0.50	ND<0.50	ND<0.500	--	--	--
06/10/03	ND<2.0	ND<2.0	--	--	--	--	--	7.5	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
09/10/03	ND<2.0	ND<2.0	--	0.024	100	0.41	25	8.4	ND<100	ND<2.0	ND<2.0	ND<0.01	--	ND<0.010	0.015
12/09/03	ND<2.0	ND<2.0	ND<1.0	31	--	--	--	6.3	ND<100	ND<2.0	ND<2.0	ND<10	ND<0.20	--	8.2
03/17/04	ND<2.0	ND<2.0	2.4	34	--	--	72	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.50	ND<0.20	ND<0.010	--
06/02/04	ND<0.50	ND<0.50	14	34	--	--	140	2.1	ND<5.0	ND<1.0	ND<0.50	ND<0.50	ND<0.20	ND<0.010	13
08/03/04	ND<0.5	ND<0.5	47.1	6.6	36000	--	--	2.9	ND<12	ND<1	ND<1	--	1.8	ND<0.001	48
11/09/04	--	--	1.2	--	--	--	29	--	--	--	--	--	ND<0.010	ND<0.010	7.2
02/01/05	--	--	ND<1.0	35	--	--	150	--	--	--	--	--	0.81	ND<0.001	10
05/04/05	--	--	3.8	31	--	--	140	--	--	--	--	--	1.3	ND<0.1	27
MW-7															
12/14/00	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
03/07/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	EDC (µg/l)	EDB (µg/l)	NO3 (mg/l)	Sulfate (mg/l)	Alka-linity (µg/l)	Iron (µg/l)	Carbon-Dioxide (µg/ml)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Methanol 8015B (mg/l)	Fe+2 (mg/l)	Methane (µg/ml)	COD (mg/l)
MW-7 continued															
06/05/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
09/11/01	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--
12/11/01	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--
03/12/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
06/17/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--
09/10/02	ND<0.50	ND<0.50	--	--	--	--	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.500	--	--	--
06/10/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
09/10/03	ND<2.0	ND<2.0	--	0.025	100	8.1	33	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.01	--	ND<0.010	0.029
12/10/03	ND<2.0	ND<2.0	ND<1.0	28	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	0.0846	1.9	--	29
03/17/04	ND<2.0	ND<2.0	ND<1.0	24	--	--	110	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.50	2.0	ND<0.010	--
06/02/04	ND<0.50	ND<0.50	ND<1	110	--	--	100	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	ND<0.20	ND<0.010	ND<5
08/03/04	ND<0.5	ND<0.5	24.6	8.7	85000	--	--	ND<1	ND<12	ND<1	ND<1	--	2.1	ND<0.001	54
11/09/04	--	--	ND<1.0	270	--	--	21	--	--	--	--	--	ND<0.010	ND<0.010	18
02/01/05	--	--	1.4	150	--	--	120	--	--	--	--	--	0.30	ND<0.001	12
05/04/05	--	--	1.1	86	--	--	110	--	--	--	--	--	0.50	ND<0.1	9.5
08/02/05	--	--	ND<1.0	79	--	--	--	--	--	--	--	--	0.50	--	--
MW-8															
12/14/00	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
03/07/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
06/05/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
09/11/01	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
12/11/01	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
03/12/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
09/10/02	ND<0.50	ND<0.50	--	--	--	--	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.500	--	--	--
03/11/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	--	--	--
09/10/03	ND<2.0	ND<2.0	--	0.017	57	2.3	23	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.01	--	ND<0.010	0.03

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	EDC (µg/l)	EDB (µg/l)	NO3 (mg/l)	Sulfate (mg/l)	Alka-limty (µg/l)	Iron (µg/l)	Carbon-Dioxide (µg/ml)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Methanol 8015B (mg/l)	Fe+2 (mg/l)	Methane (µg/ml)	COD (mg/l)
MW-8 continued															
03/17/04	ND<2.0	ND<2.0	6.1	16	--	--	49	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.50	ND<0.20	ND<0.010	--
08/03/04	ND<0.5	ND<0.5	2.7	22	31000	--	--	ND<1	ND<12	ND<1	ND<1	--	23	ND<0.001	66
02/01/05	--	--	6.6	20	--	--	92	--	--	--	--	--	0.051	ND<0.001	8.0
08/02/05	--	--	4.2	17	--	--	--	--	--	--	--	--	0.31	--	--
MW-9															
12/14/00	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
03/07/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
06/05/01	ND	ND	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--
09/11/01	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
12/11/01	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	ND<0.500	--	--	--
03/12/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
06/17/02	ND<2.0	ND<2.0	--	--	--	--	--	3.1	ND<20	ND<2.0	ND<2.0	0.16	--	--	--
09/10/02	ND<0.50	ND<0.50	--	--	--	--	--	1.0	ND<5.0	ND<0.50	ND<0.50	ND<0.500	--	--	--
12/10/02	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.100	--	--	--
03/11/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
06/10/03	ND<2.0	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.500	--	--	--
09/10/03	ND<2.0	ND<2.0	--	0.025	78	9.5	26	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.01	--	ND<0.010	0.021
12/09/03	ND<2.0	ND<2.0	10	26	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<10	ND<0.20	--	--
03/17/04	ND<2.0	ND<2.0	18	25	--	--	79	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<0.50	ND<0.20	ND<0.010	--
06/02/04	ND<0.50	ND<0.50	15	26	--	--	160	ND<0.50	ND<5.0	ND<1.0	ND<0.50	ND<0.50	ND<0.20	ND<0.010	ND<5
08/03/04	ND<0.5	ND<0.5	25.1	8.2	32000	--	--	ND<1	ND<12	ND<1	ND<1	--	30	ND<0.001	34
11/09/04	--	--	8.3	--	--	--	24	--	--	--	--	--	ND<0.010	ND<0.010	7.6
02/01/05	--	--	9.7	27	--	--	100	--	--	--	--	--	0.083	ND<0.001	ND<5.0
05/04/05	--	--	13	28	--	--	75	--	--	--	--	--	0.11	ND<0.1	21
08/02/05	--	--	10	28	--	--	--	--	--	--	--	--	0.18	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Mang (mg/l)	Sulfide (mg/l)	Carbonate (mg/l)	Hydroxide (mg/l)	Ethanol 8260B (µg/l)	BOD (mg/l)	Nitrate (µg/l)	C- Alkalinity (mg/l)	B- Alkalinity (mg/l)	H- Alkalinity (mg/l)	Total Alkalinity (mg/l)	D- Manganese (µg/l)
MW-1												
02/16/00	--	--	--	--	ND	--	--	--	--	--	--	--
06/29/00	--	--	--	--	ND	--	--	--	--	--	--	--
09/18/00	--	--	--	--	ND	--	--	--	--	--	--	--
12/14/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/01	--	--	--	--	ND	--	--	--	--	--	--	--
06/05/01	--	--	--	--	ND	--	--	--	--	--	--	--
09/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/12/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/17/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/11/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/10/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/03	--	ND<0.001	--	--	ND<500	ND<0.002	44	--	--	--	--	0.041
12/09/03	0.72	ND<1.0	--	--	ND<500	ND<6.0	--	ND<5.0	36	ND<5.0	36	--
03/17/04	0.75	ND<1.0	--	--	ND<500	--	--	ND<5.0	25	ND<5.0	25	--
06/02/04	ND<0.0050	ND<1	--	--	ND<50	ND<6	--	ND<5.0	15	ND<5.0	15	--
08/03/04	ND<0.01	ND<5	--	--	ND<800	--	--	--	--	--	--	--
11/09/04	1.3	--	--	--	--	--	--	ND<5.0	19	ND<5.0	19	--
02/01/05	0.64	--	--	--	--	ND<6	--	ND<5.0	24	ND<5.0	24	--
05/04/05	1.9	--	--	--	--	ND<6	--	ND<5.0	28	ND<5.0	28	--
08/02/05	3.8	--	ND<5.0	ND<5.0	--	--	--	--	25	--	25	--
MW-2												
02/16/00	--	--	--	--	ND	--	--	--	--	--	--	--
06/29/00	--	--	--	--	ND	--	--	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Mang (mg/l)	Sulfide (mg/l)	Carbonate (mg/l)	Hydroxide (mg/l)	Ethanol 8260B (µg/l)	BOD (mg/l)	Nitrate (µg/l)	C- Alkalinity (mg/l)	B- Alkalinity (mg/l)	H- Alkalinity (mg/l)	Total Alkalinity (mg/l)	D- Manganese (µg/l)
MW-2 continued												
09/18/00	--	--	--	--	ND	--	--	--	--	--	--	--
12/14/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/01	--	--	--	--	ND	--	--	--	--	--	--	--
06/05/01	--	--	--	--	ND	--	--	--	--	--	--	--
09/11/01	--	--	--	--	ND<5000000	--	--	--	--	--	--	--
12/11/01	--	--	--	--	ND<10000000	--	--	--	--	--	--	--
03/12/02	--	--	--	--	ND<50000000	--	--	--	--	--	--	--
06/17/02	--	--	--	--	ND<5000000	--	--	--	--	--	--	--
09/10/02	--	--	--	--	ND<5000000	--	--	--	--	--	--	--
12/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/11/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/10/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/03	--	ND<0.001	--	--	ND<10000	0.006	6.9	--	--	--	--	0.93
12/10/03	0.96	ND<1.0	--	--	ND<5000	ND<6.0	--	--	62	--	62	--
03/17/04	0.46	ND<1.0	--	--	ND<500	--	--	ND<5.0	27	ND<5.0	27	--
06/02/04	ND<0.0050	ND<1	--	--	ND<250	ND<6	--	ND<5.0	34	ND<5.0	34	--
08/03/04	ND<0.01	ND<5	--	--	ND<800	--	--	--	--	--	--	--
11/09/04	1.5	--	--	--	--	--	--	ND<5.0	81	ND<5.0	81	--
02/01/05	0.14	--	--	--	--	ND<6	--	ND<5.0	33	ND<5.0	33	--
05/04/05	0.42	--	--	--	--	ND<6	--	ND<5.0	28	ND<5.0	28	--
08/02/05	2.5	--	ND<5.0	ND<5.0	--	--	--	--	61	--	61	--
MW-3												
02/16/00	--	--	--	--	ND	--	--	--	--	--	--	--
06/29/00	--	--	--	--	ND	--	--	--	--	--	--	--
09/18/00	--	--	--	--	ND	--	--	--	--	--	--	--
12/14/00	--	--	--	--	ND	--	--	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Mang (mg/l)	Sulfide (mg/l)	Carbonate (mg/l)	Hydroxide (mg/l)	Ethanol 8260B (µg/l)	BOD (mg/l)	Nitrate (µg/l)	C- Alkalinity (mg/l)	B- Alkalinity (mg/l)	H- Alkalinity (mg/l)	Total Alkalinity (mg/l)	D- Manganese (µg/l)
MW-3 continued												
03/07/01	--	--	--	--	ND	--	--	--	--	--	--	--
06/05/01	--	--	--	--	ND	--	--	--	--	--	--	--
09/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/12/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/17/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/11/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/10/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/03	--	ND<0.001	--	--	ND<500	ND<0.02	48	--	--	--	--	0.076
12/09/03	0.20	ND<1.0	--	--	ND<500	ND<6.0	--	ND<5.0	26	ND<5.0	26	--
03/17/04	0.10	ND<1.0	--	--	ND<500	--	--	ND<5.0	10	ND<5.0	10	--
06/02/04	0.0068	ND<1	--	--	ND<50	ND<6	--	ND<5.0	19	ND<5.0	19	--
08/03/04	ND<0.01	ND<0.5	--	--	ND<800	--	--	--	--	--	--	--
11/09/04	0.27	--	--	--	--	--	--	ND<5.0	19	ND<5.0	19	--
02/01/05	0.040	--	--	--	--	ND<6	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--
05/04/05	0.047	--	--	--	--	ND<6	--	ND<5.0	12	ND<5.0	12	--
08/02/05	0.055	--	ND<5.0	ND<5.0	--	--	--	--	26	--	26	--
MW-4												
02/16/00	--	--	--	--	ND	--	--	--	--	--	--	--
06/29/00	--	--	--	--	ND	--	--	--	--	--	--	--
09/18/00	--	--	--	--	ND	--	--	--	--	--	--	--
12/14/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/01	--	--	--	--	ND	--	--	--	--	--	--	--
06/05/01	--	--	--	--	ND	--	--	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Mang (mg/l)	Sulfide (mg/l)	Carbonate (mg/l)	Hydroxide (mg/l)	Ethanol 8260B (µg/l)	BOD (mg/l)	Nitrate (µg/l)	C- Alkalinity (mg/l)	B- Alkalinity (mg/l)	H- Alkalinity (mg/l)	Total Alkalinity (mg/l)	D- Manganese (µg/l)
MW-4 continued												
09/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/12/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/03	--	ND<0.001	--	--	ND<500	ND<0.02	64	--	--	--	--	0.13
03/17/04	0.14	ND<1.0	--	--	ND<500	--	--	ND<5.0	30	ND<5.0	30	--
08/03/04	ND<0.01	ND<5	--	--	ND<800	--	--	--	--	--	--	--
02/01/05	0.24	--	--	--	--	ND<6	--	ND<5.0	43	ND<5.0	43	--
08/02/05	0.095	--	ND<5.0	ND<5.0	--	--	--	--	39	--	39	--
MW-5												
12/14/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/01	--	--	--	--	ND	--	--	--	--	--	--	--
06/05/01	--	--	--	--	ND	--	--	--	--	--	--	--
09/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/12/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/17/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/11/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/10/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/03	--	ND<0.001	--	--	ND<500	ND<0.02	23	--	--	--	--	0.29
12/09/03	0.28	ND<1.0	--	--	ND<500	ND<6.0	--	ND<5.0	52	ND<5.0	52	--
03/17/04	0.22	ND<1.0	--	--	ND<500	--	--	ND<5.0	15	ND<5.0	15	--
06/02/04	ND<0.0050	ND<1	--	--	ND<50	ND<6	--	ND<5.0	29	ND<5.0	29	--
08/03/04	ND<0.01	ND<5	--	--	ND<800	--	--	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Mang (mg/l)	Sulfide (mg/l)	Carbonate (mg/l)	Hydroxide (mg/l)	Ethanol 8260B (µg/l)	BOD (mg/l)	Nitrate (µg/l)	C- Alkalinity (mg/l)	B- Alkalinity (mg/l)	H- Alkalinity (mg/l)	Total Alkalinity (mg/l)	D- Manganese (µg/l)
MW-5 continued												
11/09/04	0.51	--	--	--	--	--	--	ND<5.0	39	ND<5.0	39	--
02/01/05	0.21	--	--	--	--	ND<6	--	ND<5.0	19	ND<5.0	19	--
05/04/05	0.054	--	--	--	--	ND<6	--	ND<5.0	19	ND<5.0	19	--
08/02/05	0.072	--	ND<5.0	ND<5.0	--	--	--	--	24	--	24	--
MW-6												
12/14/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/01	--	--	--	--	ND	--	--	--	--	--	--	--
06/05/01	--	--	--	--	ND	--	--	--	--	--	--	--
09/11/01	--	--	--	--	ND<2500000	--	--	--	--	--	--	--
12/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/12/02	--	--	--	--	ND<5000000	--	--	--	--	--	--	--
06/17/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/02	--	--	--	--	ND<50000	--	--	--	--	--	--	--
06/10/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/03	--	ND<0.001	--	--	ND<500	ND<0.006	2.5	--	--	--	--	0.74
12/09/03	1.2	ND<1.0	--	--	ND<500	ND<6.0	--	ND<5.0	83	ND<5.0	83	--
03/17/04	1.6	ND<1.0	--	--	ND<500	--	--	ND<5.0	96	ND<5.0	96	--
06/02/04	1.3	ND<1	--	--	ND<50	ND<6	--	ND<5.0	73	ND<5.0	73	--
08/03/04	ND<0.01	ND<5	--	--	ND<800	--	--	--	--	--	--	--
11/09/04	1.7	--	--	--	--	--	--	ND<5.0	76	ND<5.0	76	--
02/01/05	1.7	--	--	--	--	ND<6	--	ND<5.0	62	ND<5.0	62	--
05/04/05	1.6	--	--	--	--	ND<6	--	ND<5.0	60	ND<5.0	60	--
MW-7												
12/14/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/01	--	--	--	--	ND	--	--	--	--	--	--	--
06/05/01	--	--	--	--	ND	--	--	--	--	--	--	--

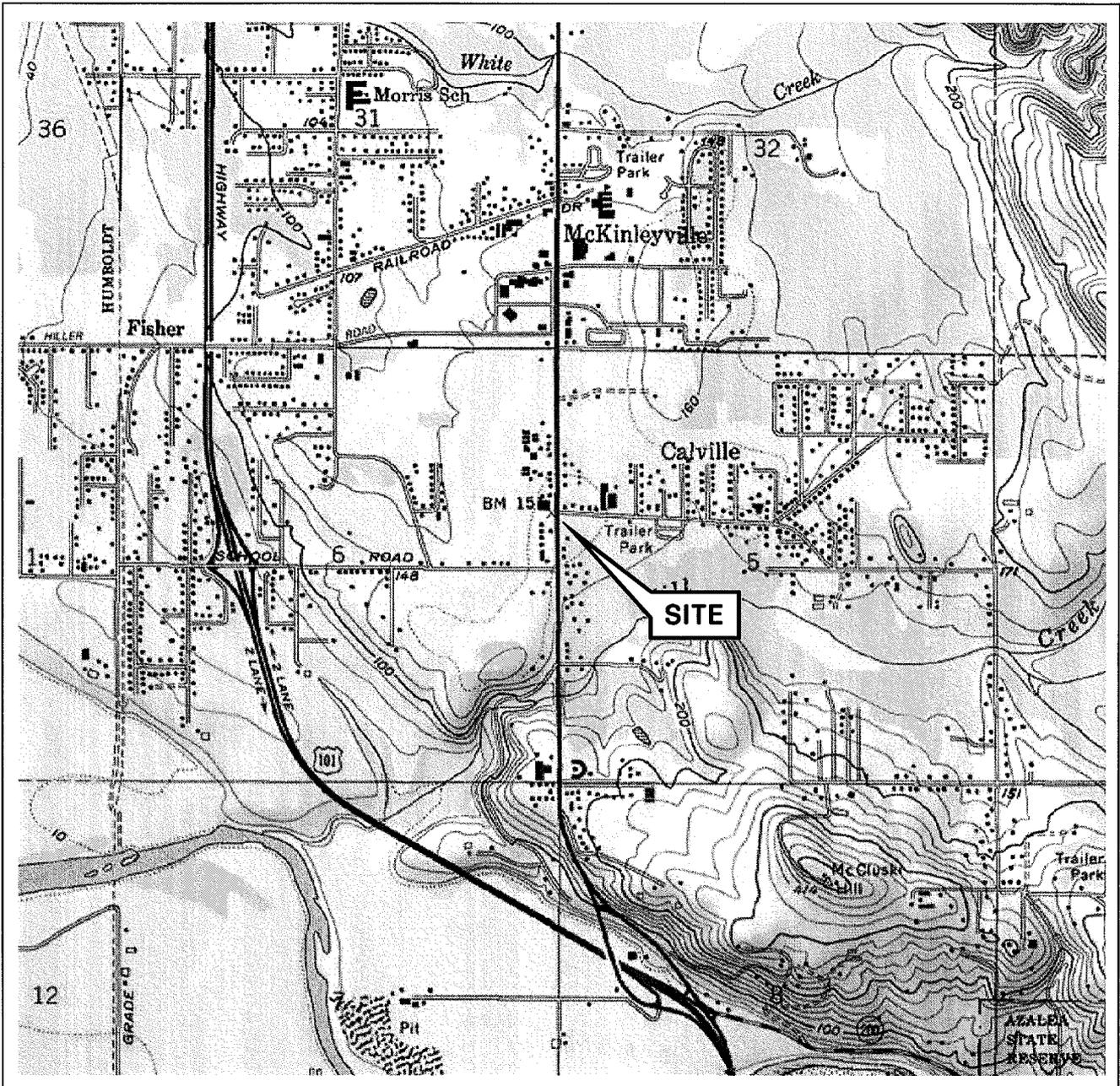
Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Mang (mg/l)	Sulfide (mg/l)	Carbonate (mg/l)	Hydroxide (mg/l)	Ethanol 8260B (µg/l)	BOD (mg/l)	Nitrate (µg/l)	C- Alkalinity (mg/l)	B- Alkalinity (mg/l)	H- Alkalinity (mg/l)	Total Alkalinity (mg/l)	D- Manganese (µg/l)
MW-7 continued												
09/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/12/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/17/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/10/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/03	--	ND<0.001	--	--	ND<500	ND<0.02	ND<1.0	--	--	--	--	0.26
12/10/03	0.29	ND<1.0	--	--	ND<500	ND<6.0	--	--	130	--	130	--
03/17/04	0.30	ND<1.0	--	--	ND<500	--	--	ND<5.0	120	ND<5.0	120	--
06/02/04	0.24	ND<1	--	--	ND<50	ND<6	--	ND<5.0	73	ND<5.0	73	--
08/03/04	ND<0.01	ND<5	--	--	ND<800	--	--	--	--	--	--	--
11/09/04	0.89	--	--	--	--	--	--	ND<5.0	27	ND<5.0	27	--
02/01/05	1.9	--	--	--	--	ND<6	--	ND<5.0	48	ND<5.0	48	--
05/04/05	1.2	--	--	--	--	ND<6	--	ND<5.0	50	ND<5.0	50	--
08/02/05	0.61	--	ND<5.0	ND<5.0	--	--	--	--	52	--	52	--
MW-8												
12/14/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/01	--	--	--	--	ND	--	--	--	--	--	--	--
06/05/01	--	--	--	--	ND	--	--	--	--	--	--	--
09/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/12/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/03	--	ND<0.001	--	--	ND<500	ND<0.02	5.9	--	--	--	--	ND<0.0050
03/17/04	0.22	ND<1.0	--	--	ND<500	--	--	ND<5.0	50	ND<5.0	50	--
08/03/04	ND<0.01	ND<5	--	--	ND<800	--	--	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Mang (mg/l)	Sulfide (mg/l)	Carbonate (mg/l)	Hydroxide (mg/l)	Ethanol 8260B (µg/l)	BOD (mg/l)	Nitrate (µg/l)	C- Alkalinity (mg/l)	B- Alkalinity (mg/l)	H- Alkalinity (mg/l)	Total Alkalinity (mg/l)	D- Manganese (µg/l)
MW-8 continued												
02/01/05	0.96	--	--	--	--	ND<6	--	ND<5.0	69	ND<5.0	69	--
08/02/05	0.66	--	ND<5.0	ND<5.0	--	--	--	--	68	--	68	--
MW-9												
12/14/00	--	--	--	--	ND	--	--	--	--	--	--	--
03/07/01	--	--	--	--	ND	--	--	--	--	--	--	--
06/05/01	--	--	--	--	ND	--	--	--	--	--	--	--
09/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/11/01	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/12/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/17/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
12/10/02	--	--	--	--	ND<500000	--	--	--	--	--	--	--
03/11/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
06/10/03	--	--	--	--	ND<500000	--	--	--	--	--	--	--
09/10/03	--	ND<0.001	--	--	ND<500	ND<0.006	8.9	--	--	--	--	0.34
12/09/03	1.6	--	--	--	ND<500	--	--	ND<5.0	100	ND<5.0	100	--
03/17/04	0.57	ND<1.0	--	--	ND<500	--	--	ND<5.0	55	ND<5.0	55	--
06/02/04	0.073	ND<1	--	--	ND<50	ND<6	--	ND<5.0	78	ND<5.0	78	--
08/03/04	ND<0.01	ND<5	--	--	ND<800	--	--	--	--	--	--	--
11/09/04	1.3	--	--	--	--	--	--	ND<5.0	79	ND<5.0	79	--
02/01/05	1.8	--	--	--	--	ND<6	--	ND<5.0	72	ND<5.0	72	--
05/04/05	2.0	--	--	--	--	ND<6	--	ND<5.0	61	ND<5.0	61	--
08/02/05	1.7	--	ND<5.0	ND<5.0	--	--	--	--	71	--	71	--

FIGURES



0 1/4 1/2 3/4 1 MILE



SCALE 1:24,000

QUADRANGLE
LOCATION



VICINITY MAP

SOURCE:

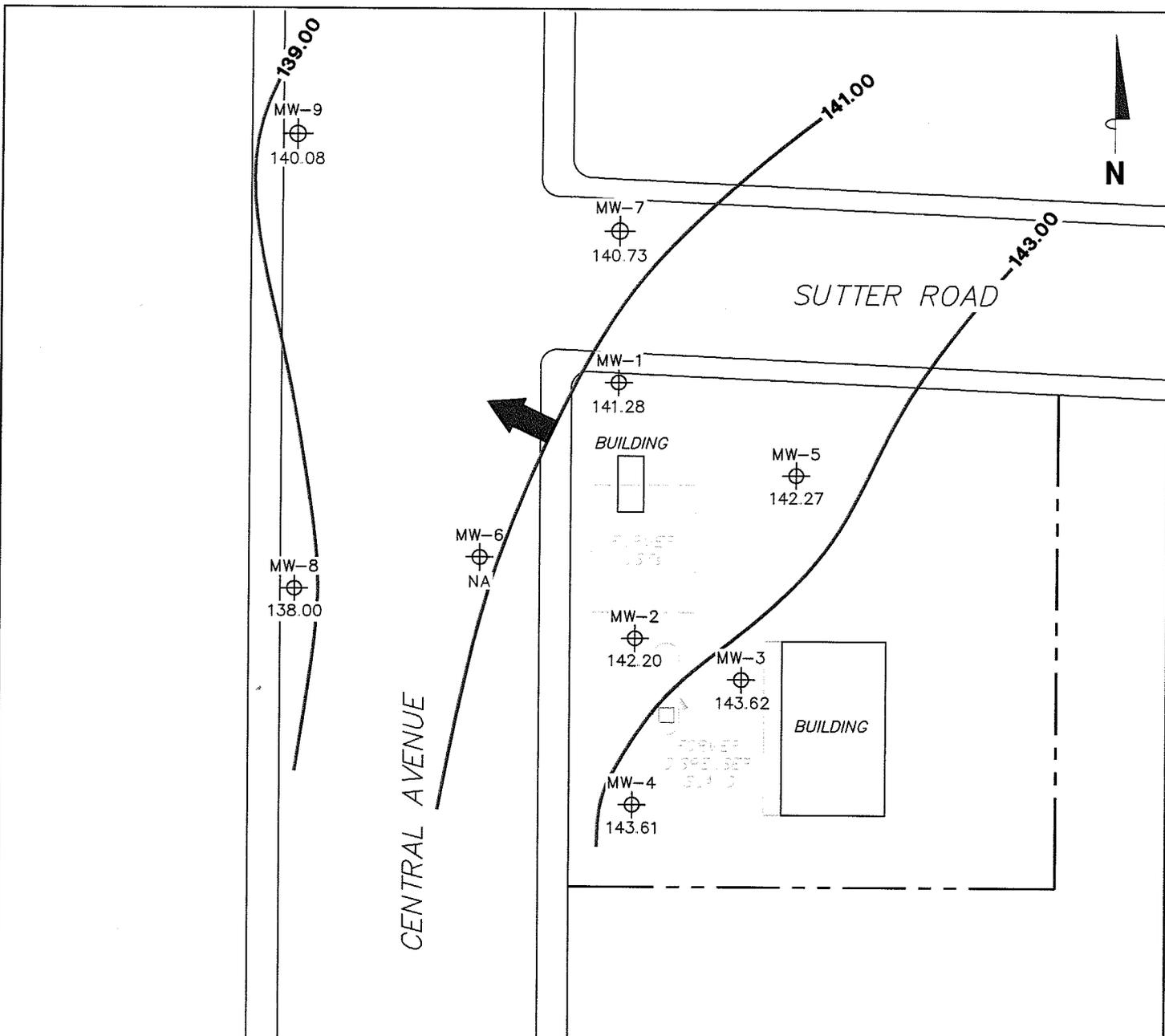
United States Geological Survey
7.5 Minute Topographic Maps:
Arcata North and Tyee City
Quadrangles

Former Circle K Store 01106
1693 Central Avenue
McKinleyville, California

TRC

FIGURE 1

PS = 1:1



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. NA = not analyzed, measured, or collected.

LEGEND

MW-9 Monitoring Well with Groundwater Elevation (feet)

143.00 — Groundwater Elevation Contour

General Direction of Groundwater Flow

**GROUNDWATER ELEVATION
CONTOUR MAP
August 2, 2005**

Former Circle K Store 01106
1693 Central Avenue
McKinleyville, California

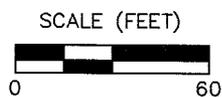
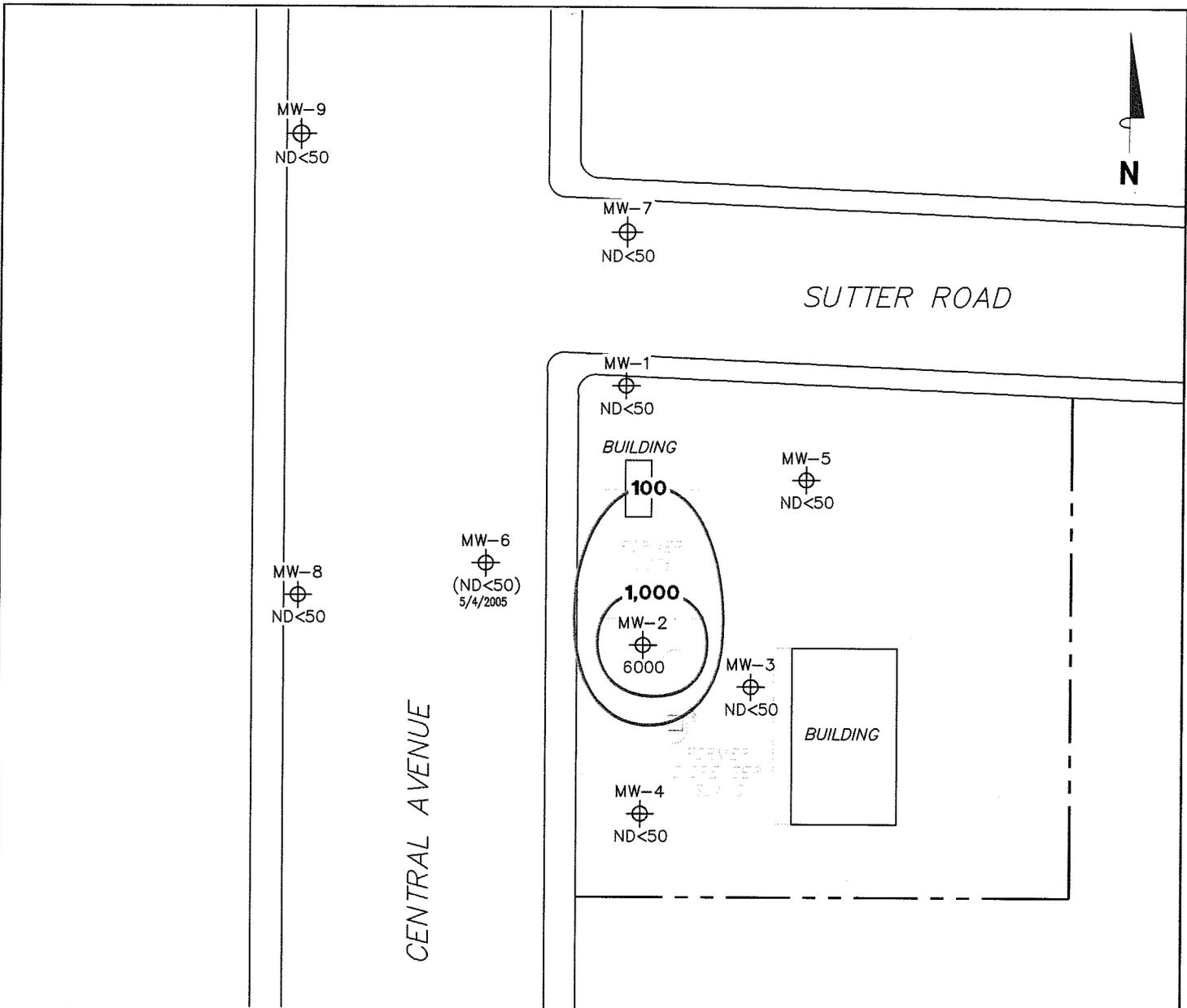


FIGURE 2

PS=1:1 01106-003



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
 TPH-G = total petroleum hydrocarbons as gasoline.
 µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
 UST = underground storage tank.
 () = representative of historical value. Results obtained using EPA Method 8015.

LEGEND

MW-9 ⊕ Monitoring Well with Dissolved-Phase TPH-G Concentration (µg/l)

-1,000- Dissolved-Phase TPH-G Contour (µg/l)

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
August 2, 2005

Former Circle K Store 01106
 1693 Central Avenue
 McKinleyville, California

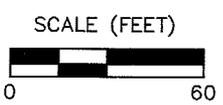
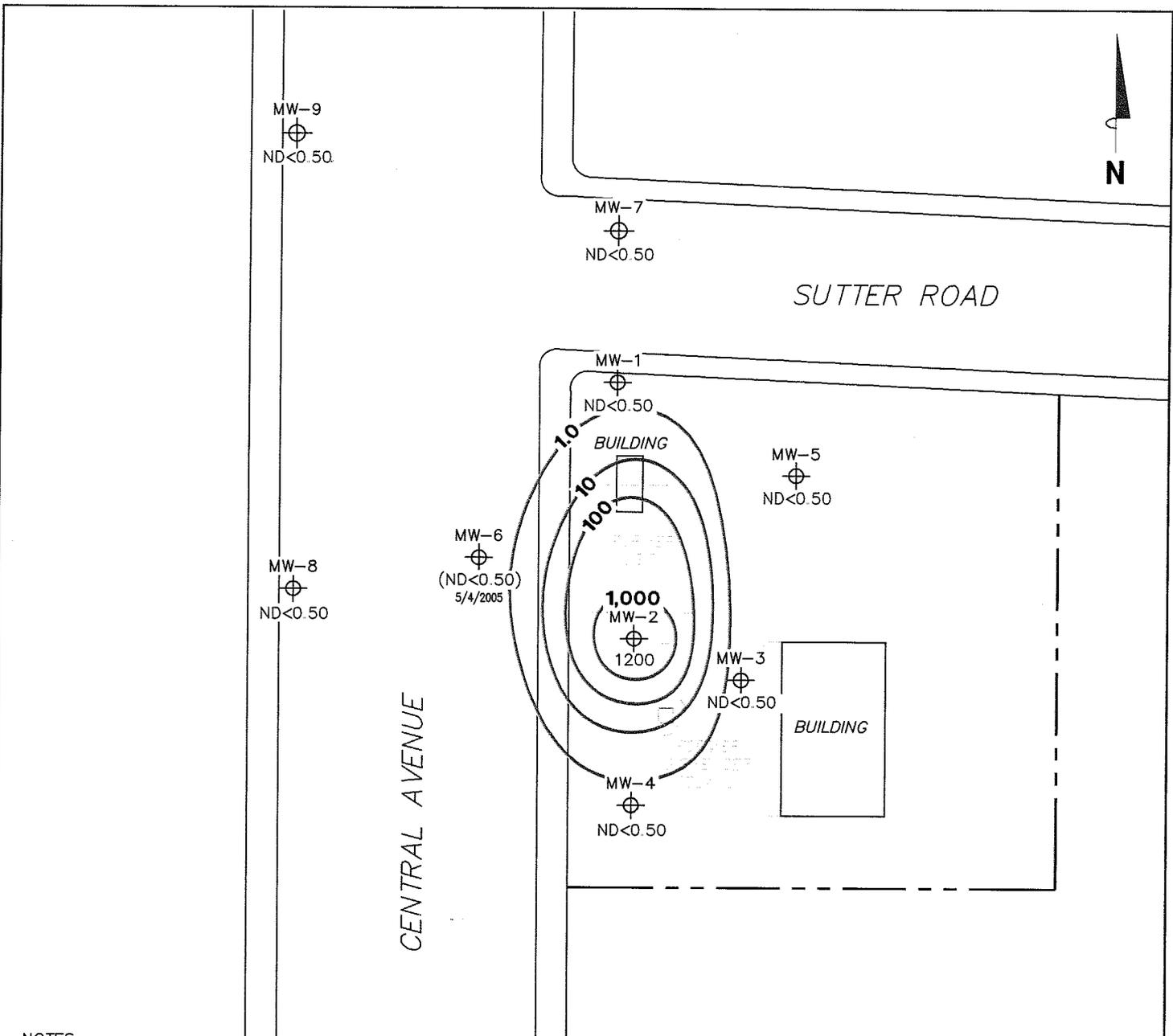


FIGURE 3

PS=1:1_01106-003





NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
 µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
 () = representative of historical value.
 UST = underground storage tank.

LEGEND

MW-9  Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

-1,000- Dissolved-Phase Benzene Contour (µg/l)

**DISSOLVED-PHASE BENZENE
 CONCENTRATION MAP
 August 2, 2005**

Former Circle K Store 01106
 1693 Central Avenue
 McKinleyville, California

PS=1:1 01106-003

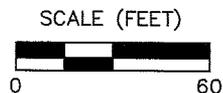
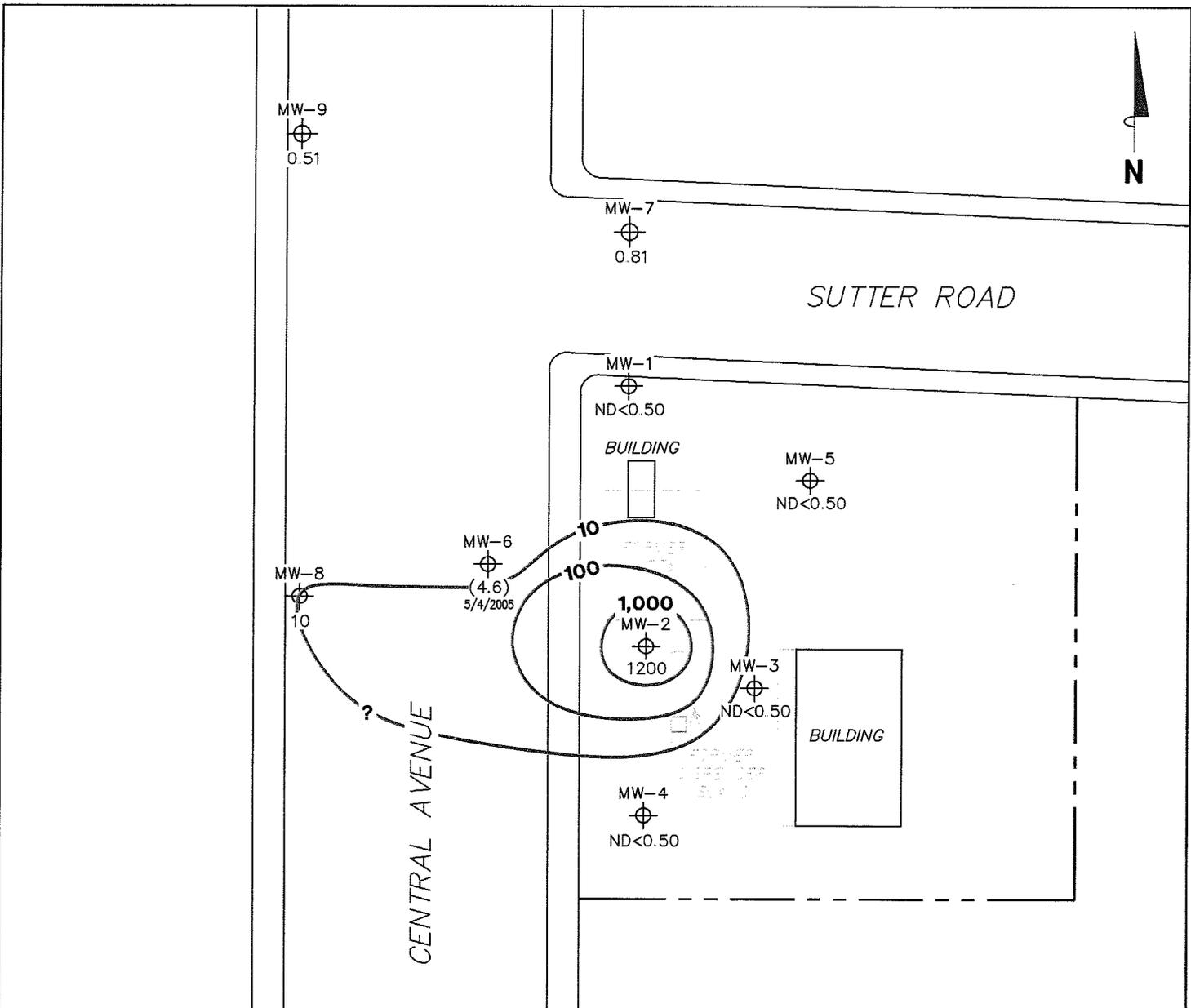


FIGURE 4



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. () = representative of historical value. Results obtained using EPA Method 8260B.

LEGEND

MW-9  Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

-1,000- Dissolved-Phase MTBE Contour (µg/l)

**DISSOLVED-PHASE MTBE
CONCENTRATION MAP
August 2, 2005**

Former Circle K Store 01106
1693 Central Avenue
McKinleyville, California

PS=1:1_01106-003

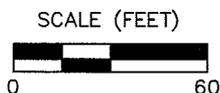
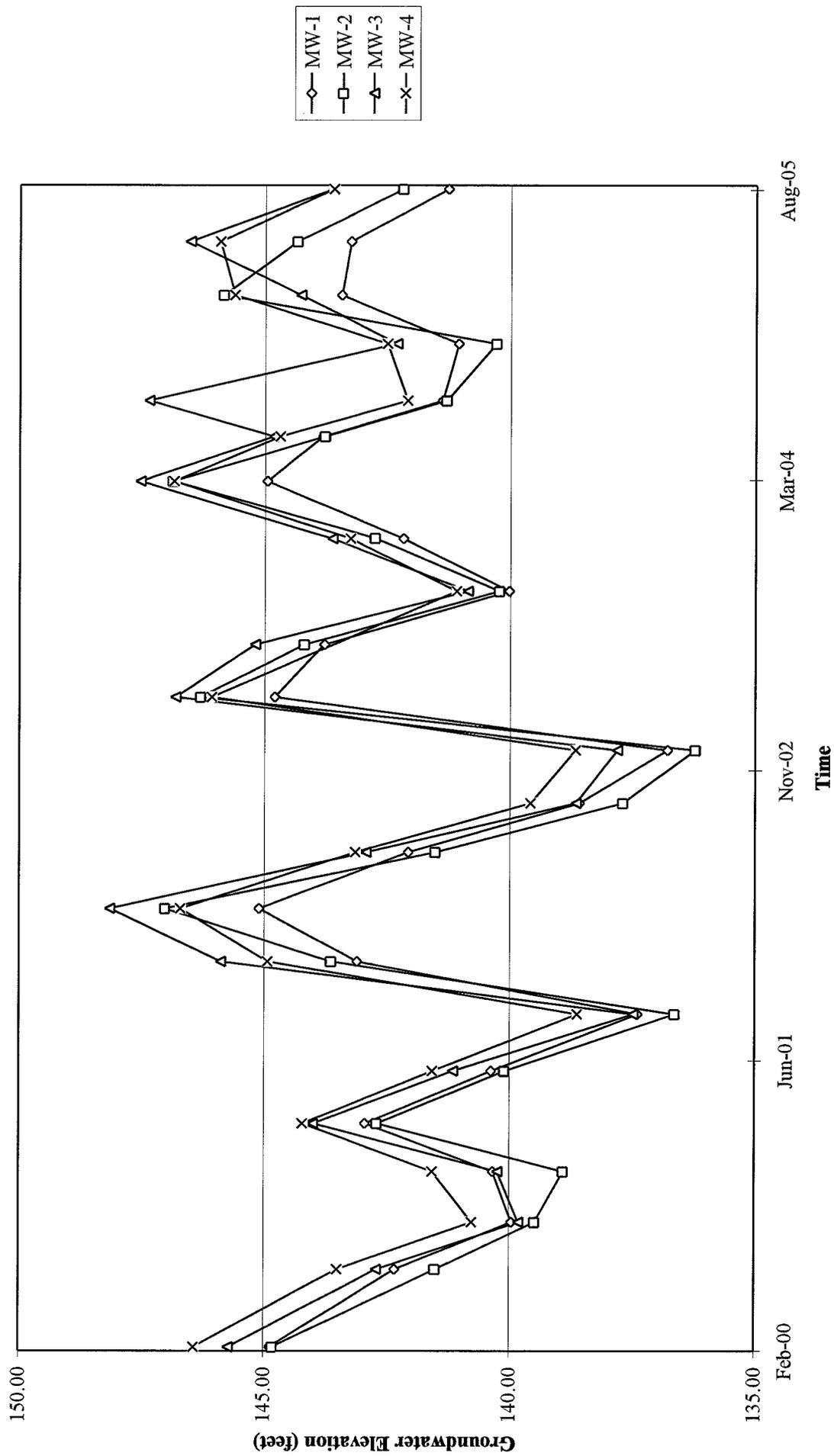


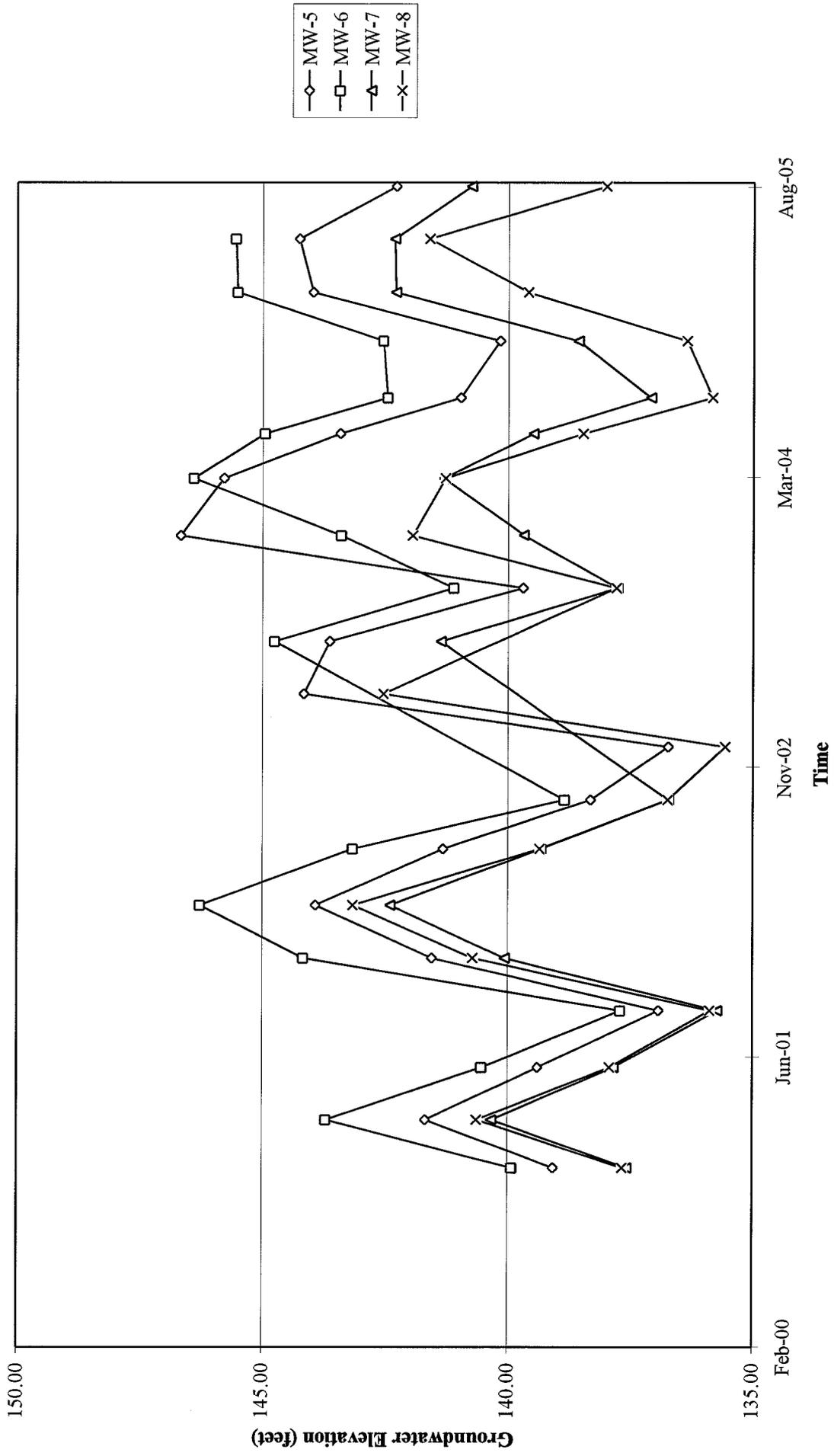
FIGURE 5

GRAPHS

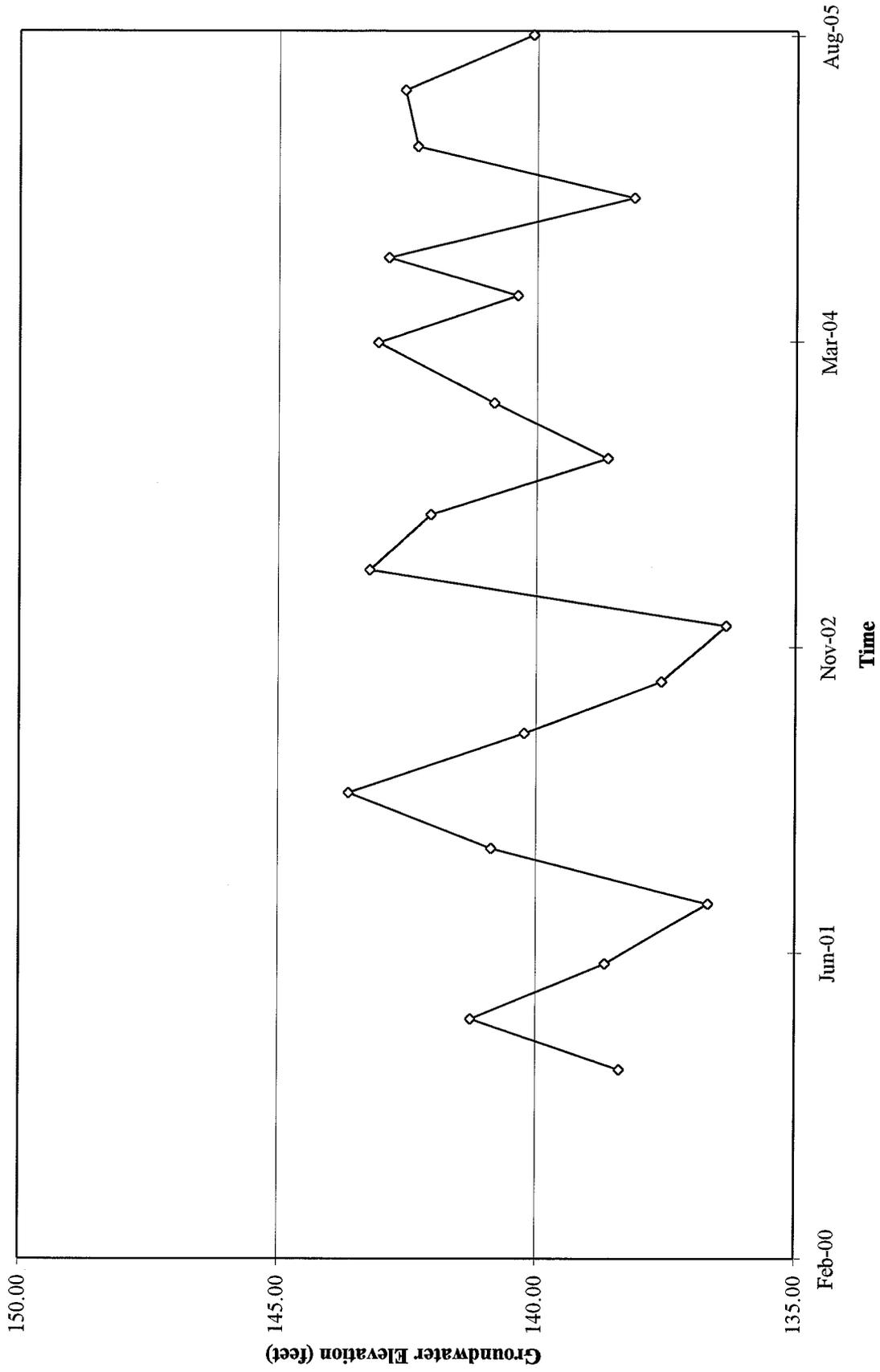
Groundwater Elevations vs. Time
Former Circle K Store 01106



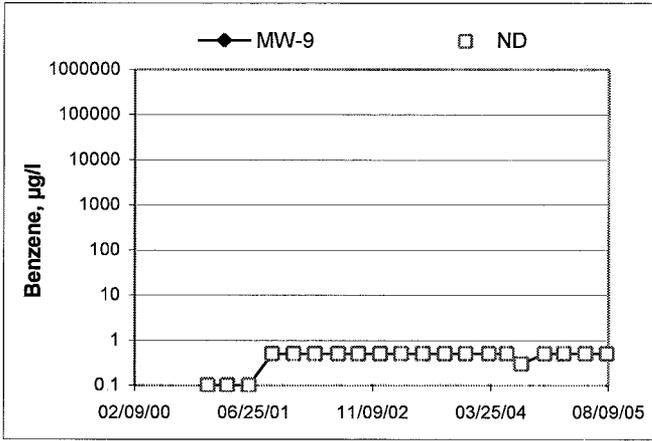
Groundwater Elevations vs. Time
Former Circle K Store 01106



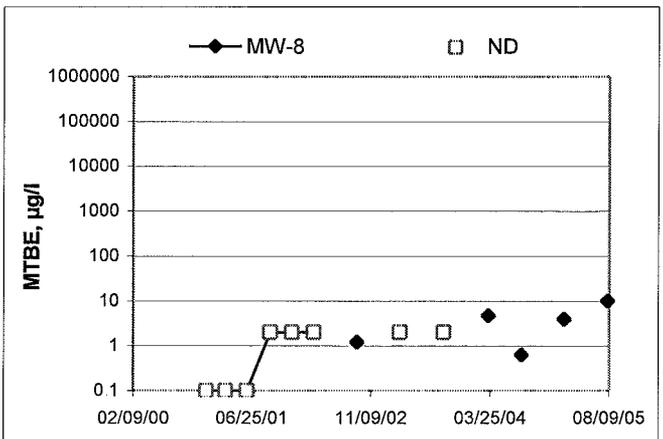
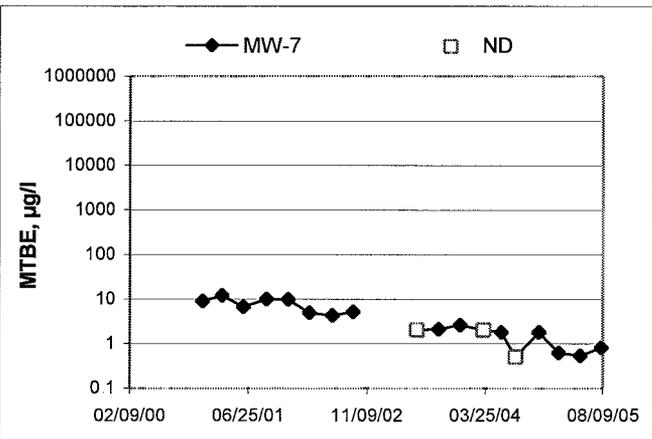
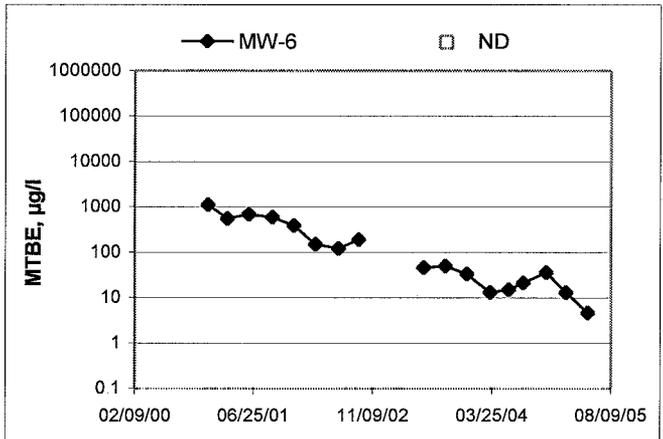
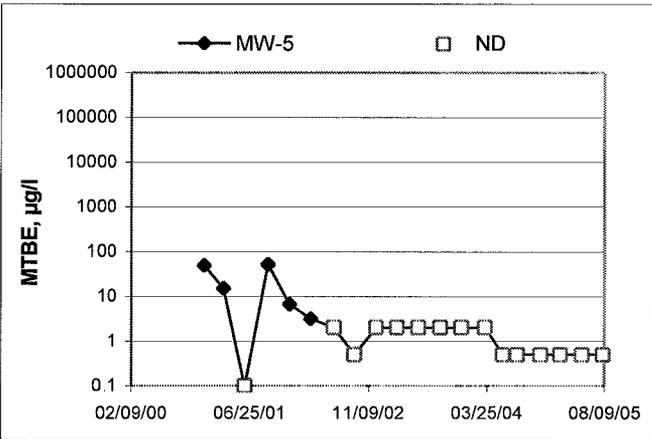
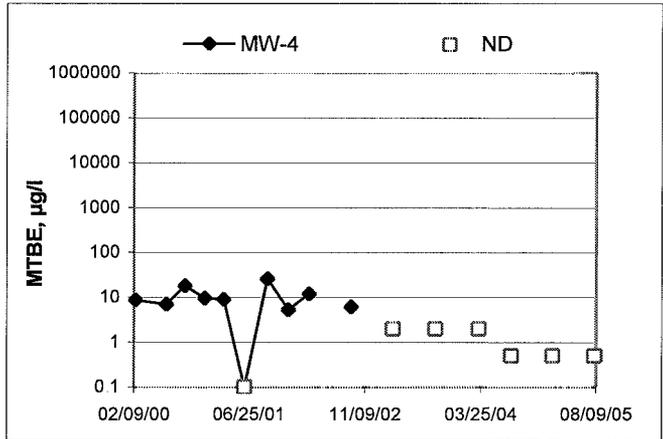
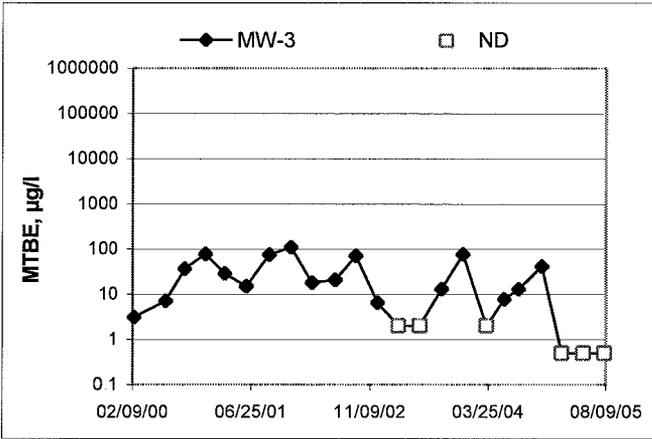
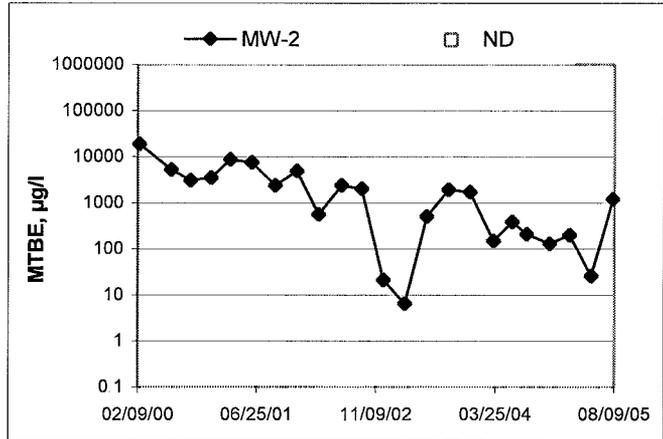
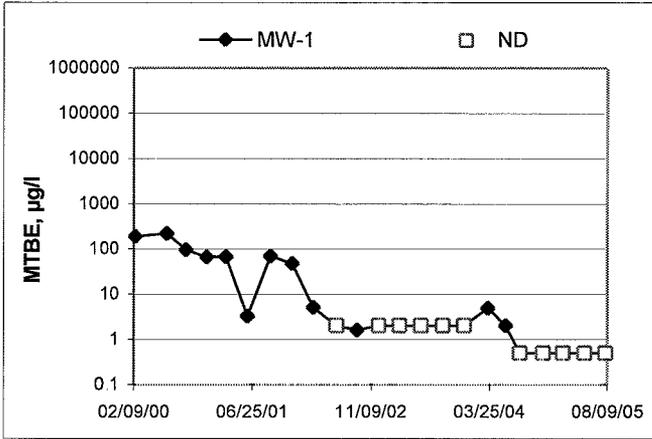
Groundwater Elevations vs. Time
Former Circle K Store 01106



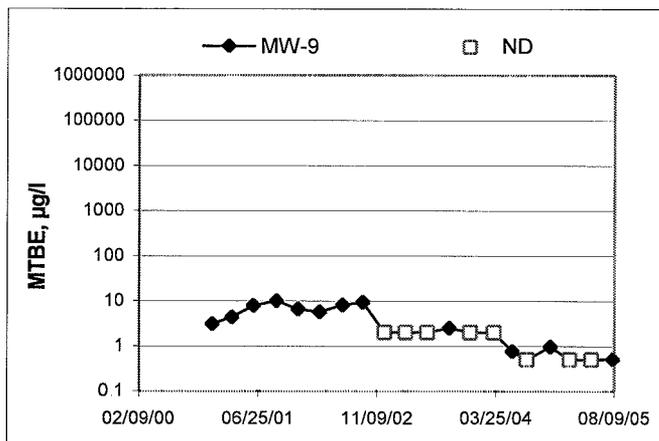
Benzene Concentrations vs Time
Former Circle K Store 01106



MTBE Concentrations vs Time Former Circle K Store 01106



MTBE Concentrations vs Time
Former Circle K Store 01106



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 01106

Project No.: 41050001

Date: 08-02-05

Well No.: MW-1

Purge Method: Pic

Depth to Water (feet): 8.27

Depth to Product (feet): 0

Total Depth (feet): 17.18

LPH & Water Recovered (gallons): 0

Water Column (feet): 8.91

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.05

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.°)	pH	Turbidity	D.O.
0517			1	152.6	17.8	6.71		5.29
			2	157.9	17.8	6.61		
	0518		3	165.3	18.0	6.58		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
10.01			3		0536			
Comments:								

Well No.: MW-3

Purge Method: Dia

Depth to Water (feet): 6.92

Depth to Product (feet): 0

Total Depth (feet): 16.89

LPH & Water Recovered (gallons): 0

Water Column (feet): 9.97

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8.91

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.°)	pH	Turbidity	D.O.
0703			2	179.6	17.8	6.41		3.01
			4	183.9	17.8	6.31		
	0705		6	181.5	17.8	6.29		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
7.05			6		0814			
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 01106

Project No.: 41050001

Date: 08-02-05

Well No.: MW-4

Purge Method: Dia

Depth to Water (feet): 7.05

Depth to Product (feet): 0

Total Depth (feet): 17.09

LPH & Water Recovered (gallons): 0

Water Column (feet): 10.04

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.05

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. (C))	pH	Turbidity	D.O.
0711			2	304	18.8	5.45		3.05
			4	300	18.6	5.62		
	0712		6	305	18.7	5.75		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
7.20			6		0845			
Comments:								

Well No.: MW-5

Purge Method: Dia

Depth to Water (feet): 7.89

Depth to Product (feet): 0

Total Depth (feet): 17.08

LPH & Water Recovered (gallons): 0

Water Column (feet): 9.19

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.72

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. (C))	pH	Turbidity	D.O.
0720			2	190.3	16.9	6.07		5.09
			4	182.0	16.9	6.09		
	0721		6	172.6	16.8	6.13		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
8.08			6		0907			
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 01106

Project No.: 41050001

Date: 08-02-05

Well No.: MW-9

Purge Method: Di

Depth to Water (feet): 9.89

Depth to Product (feet): 0

Total Depth (feet): 19.49

LPH & Water Recovered (gallons): 0

Water Column (feet): 9.60

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.81

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.°C)	pH	Turbidity	D.O.
0739			2	302	18.1	6.10		3.16
			4	297	17.9	6.12		
			6	292	17.9	6.33		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
9.93			6		1000			
Comments:								

Well No.: MW-7

Purge Method: Di

Depth to Water (feet): 8.89

Depth to Product (feet): 0

Total Depth (feet): 17.09

LPH & Water Recovered (gallons): 0

Water Column (feet): 8.20

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.53

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.°C)	pH	Turbidity	D.O.
0728			1	492	18.1	6.33		5.66
			2	516	18.6	6.25		
	0731		3	503	18.7	6.28		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
9.98			3		0932			
Comments:								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 01106

Project No.: 41050001

Date: 02-02-05

Well No.: MW-1

Purge Method: Dia

Depth to Water (feet): 12.49

Depth to Product (feet): Ø

Total Depth (feet): 19.44

LPH & Water Recovered (gallons): Ø

Water Column (feet): 6.95

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 13.93

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	Turbidity	D.O.
0751			1	258	17.1	6.28		4.81
			2	259	17.1	6.30		
	0752		3	260	17.0	6.29		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
12.52			3		1026			
Comments:								

Well No.: MW-2

Purge Method: Dia

Depth to Water (feet): 7.94

Depth to Product (feet): Ø

Total Depth (feet): 17.07

LPH & Water Recovered (gallons): Ø

Water Column (feet): 9.13

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.76

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F. °C)	pH	Turbidity	D.O.
0801			2	299 299	18.6	6.31		5.45
			4	299	18.4	6.33		
	0803		6	332	18.5	6.67		
Static at Time Sampled			Total Gallons Purged		Time Sampled			
8.17			6		1050			
Comments:								

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 08-02-05 STATION NUMBER: 01106

NAME OF TECH: Melissa CALLED GORDON: _____

CALLED PM: 4 NAME OF PM CALLED: A. Collins

WELL NUMBER: MW6 STATEMENT FROM PM _____ OR TECH

well patched over, patch hardened
unable to access.

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

TRC Alton Geoscience- Irvine

August 19, 2005

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001/FA20

Project: Conoco Phillips #01106

Site: 1693 Central Ave., McKinleyville

Attached is our report for your samples received on 08/03/2005 09:25
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after
09/17/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Misc Anions by Ion Chromatograph

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	08/02/2005 05:36	Water	1
MW-3	08/02/2005 08:14	Water	2
MW-4	08/02/2005 08:45	Water	3
MW-5	08/02/2005 09:07	Water	4
MW-9	08/02/2005 10:00	Water	5
MW-7	08/02/2005 09:32	Water	6
MW-8	08/02/2005 10:26	Water	7
MW-2	08/02/2005 10:50	Water	8

Severn Trent Laboratories, Inc.

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

08/04/2005 17:04

Misc Anions by Ion Chromatograph

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21 Technology Drive

Irvine, CA 92718

Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s): 300.0/9056	Test(s): 300.0/9056
Sample ID: MW-1	Lab ID: 2005-08-0081 - 1
Sampled: 08/02/2005 05:36	Extracted: 8/3/2005 12:59
Matrix: Water	QC Batch#: 2005/08/03-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	35	1.0	mg/L	5.00	08/03/2005 12:59	
Sulfate	11	2.0	mg/L	5.00	08/03/2005 12:59	

Misc Anions by Ion Chromatograph

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21 Technology Drive

Irvine, CA 92718

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s): 300.0/9056	Test(s): 300.0/9056
Sample ID: MW-3	Lab ID: 2005-08-0081 - 2
Sampled: 08/02/2005 08:14	Extracted: 8/3/2005 13:14
Matrix: Water	QC Batch#: 2005/08/03-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	43	1.0	mg/L	5.00	08/03/2005 13:14	
Sulfate	7.3	2.0	mg/L	5.00	08/03/2005 13:14	

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Misc Anions by Ion Chromatograph

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Project: 41050001/FA20
Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	300.0/9056	Test(s):	300.0/9056
Sample ID:	MW-4	Lab ID:	2005-08-0081 - 3
Sampled:	08/02/2005 08:45	Extracted:	8/3/2005 13:30
Matrix:	Water	QC Batch#:	2005/08/03-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	70	1.0	mg/L	5.00	08/03/2005 13:30	
Sulfate	4.5	2.0	mg/L	5.00	08/03/2005 13:30	

Misc Anions by Ion Chromatograph

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Project: 41050001/FA20
Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	300.0/9056	Test(s):	300.0/9056
Sample ID:	MW-5	Lab ID:	2005-08-0081 - 4
Sampled:	08/02/2005 09:07	Extracted:	8/3/2005 13:45
Matrix:	Water	QC Batch#:	2005/08/03-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	15	1.0	mg/L	5.00	08/03/2005 13:45	
Sulfate	11	2.0	mg/L	5.00	08/03/2005 13:45	

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Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s): 300.0/9056	Test(s): 300.0/9056
Sample ID: MW-9	Lab ID: 2005-08-0081 - 5
Sampled: 08/02/2005 10:00	Extracted: 8/3/2005 14:01
Matrix: Water	QC Batch#: 2005/08/03-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	10	1.0	mg/L	5.00	08/03/2005 14:01	
Sulfate	28	2.0	mg/L	5.00	08/03/2005 14:01	

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Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	300.0/9056	Test(s):	300.0/9056
Sample ID:	MW-7	Lab ID:	2005-08-0081 - 6
Sampled:	08/02/2005 09:32	Extracted:	8/3/2005 14:48
Matrix:	Water	QC Batch#:	2005/08/03-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	ND	1.0	mg/L	5.00	08/03/2005 14:48	
Sulfate	79	2.0	mg/L	5.00	08/03/2005 14:48	

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Project: 41050001/FA20
Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	300.0/9056	Test(s):	300.0/9056
Sample ID:	MW-8	Lab ID:	2005-08-0081 - 7
Sampled:	08/02/2005 10:26	Extracted:	8/3/2005 15:03
Matrix:	Water	QC Batch#:	2005/08/03-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	4.2	1.0	mg/L	5.00	08/03/2005 15:03	
Sulfate	17	2.0	mg/L	5.00	08/03/2005 15:03	

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s): 300.0/9056	Test(s): 300.0/9056
Sample ID: MW-2	Lab ID: 2005-08-0081 - 8
Sampled: 08/02/2005 10:50	Extracted: 8/3/2005 15:19
Matrix: Water	QC Batch#: 2005/08/03-01.41

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Nitrate	14	1.0	mg/L	5.00	08/03/2005 15:19	
Sulfate	7.6	2.0	mg/L	5.00	08/03/2005 15:19	

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Batch QC Report					
Prep(s): 300.0/9056				Test(s): 300.0/9056	
Method Blank		Water		QC Batch # 2005/08/03-01.41	
MB: 2005/08/03-01.41-001				Date Extracted: 08/03/2005 11:41	

Compound	Conc.	RL	Unit	Analyzed	Flag
Nitrate	ND	1	mg/L	08/03/2005 11:41	
Sulfate	ND	2	mg/L	08/03/2005 11:41	

Misc Anions by Ion Chromatograph

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Project: 41050001/FA20
Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Batch QC Report										
Prep(s): 300.0/9056						Test(s): 300.0/9056				
Laboratory Control Spike				Water			QC Batch # 2005/08/03-01.41			
LCS	2005/08/03-01.41-002			Extracted: 08/03/2005			Analyzed: 08/03/2005 11:57			
LCSD	2005/08/03-01.41-003			Extracted: 08/03/2005			Analyzed: 08/03/2005 12:12			
Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Nitrate	25.9	26.0	26.7	97.0	97.4	0.4	80-120	20		
Sulfate	29.3	29.4	30.	97.7	98.0	0.3	80-120	20		

Misc Anions by Ion Chromatograph

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Batch QC Report			
Prep(s): 300.0/9056	Test(s): 300.0/9056		
Matrix Spike (MS / MSD)	Water	QC Batch # 2005/08/03-01.41	
MW-2 >> MS		Lab ID:	2005-08-0081 - 008
MS: 2005/08/03-01.41-004	Extracted: 08/03/2005	Analyzed:	08/03/2005 15:34
		Dilution:	5.00
MSD: 2005/08/03-01.41-005	Extracted: 08/03/2005	Analyzed:	08/03/2005 15:50
		Dilution:	5.00

Compound	Conc. mg/L			Spk.Level mg/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Nitrate	145	145	13.9	133.5	98.2	98.2	0.0	80-120	20		
Sulfate	155	155	7.55	150.0	98.3	98.3	0.0	80-120	20		

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08/04/2005 17:04

Alkalinity (Total)

TRC Alton Geoscience- Irvine

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21 Technology Drive

Irvine, CA 92718

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	08/02/2005 05:36	Water	1
MW-3	08/02/2005 08:14	Water	2
MW-4	08/02/2005 08:45	Water	3
MW-5	08/02/2005 09:07	Water	4
MW-9	08/02/2005 10:00	Water	5
MW-7	08/02/2005 09:32	Water	6
MW-8	08/02/2005 10:26	Water	7
MW-2	08/02/2005 10:50	Water	8

Alkalinity (Total)

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	MW-1	Lab ID:	2005-08-0081 - 1
Sampled:	08/02/2005 05:36	Extracted:	8/4/2005 15:39
Matrix:	Water	QC Batch#:	2005/08/04-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Bicarbonate (as CaCO3)	25	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity (Total)	25	5.0	mg/L	1.00	08/04/2005 15:39	

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08/15/2005 11:22

Alkalinity (Total)

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	MW-3	Lab ID:	2005-08-0081 - 2
Sampled:	08/02/2005 08:14	Extracted:	8/4/2005 15:39
Matrix:	Water	QC Batch#:	2005/08/04-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Bicarbonate (as CaCO3)	26	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity (Total)	26	5.0	mg/L	1.00	08/04/2005 15:39	

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Alkalinity (Total)

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	MW-4	Lab ID:	2005-08-0081 - 3
Sampled:	08/02/2005 08:45	Extracted:	8/4/2005 15:39
Matrix:	Water	QC Batch#:	2005/08/04-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Bicarbonate (as CaCO3)	39	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity (Total)	39	5.0	mg/L	1.00	08/04/2005 15:39	

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Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	MW-5	Lab ID:	2005-08-0081 - 4
Sampled:	08/02/2005 09:07	Extracted:	8/4/2005 15:39
Matrix:	Water	QC Batch#:	2005/08/04-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Bicarbonate (as CaCO3)	24	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity (Total)	24	5.0	mg/L	1.00	08/04/2005 15:39	

Alkalinity (Total)

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	MW-9	Lab ID:	2005-08-0081 - 5
Sampled:	08/02/2005 10:00	Extracted:	8/4/2005 15:39
Matrix:	Water	QC Batch#:	2005/08/04-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Bicarbonate (as CaCO3)	71	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity (Total)	71	5.0	mg/L	1.00	08/04/2005 15:39	

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	MW-7	Lab ID:	2005-08-0081 - 6
Sampled:	08/02/2005 09:32	Extracted:	8/4/2005 15:39
Matrix:	Water	QC Batch#:	2005/08/04-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Bicarbonate (as CaCO3)	52	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity (Total)	52	5.0	mg/L	1.00	08/04/2005 15:39	

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Project: 41050001/FA20

Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	MW-8	Lab ID:	2005-08-0081 - 7
Sampled:	08/02/2005 10:26	Extracted:	8/4/2005 15:39
Matrix:	Water	QC Batch#:	2005/08/04-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Bicarbonate (as CaCO3)	68	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity (Total)	68	5.0	mg/L	1.00	08/04/2005 15:39	

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08/15/2005 11:22

Alkalinity (Total)

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Project: 41050001/FA20

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Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s):	SM2320B	Test(s):	SM2320B
Sample ID:	MW-2	Lab ID:	2005-08-0081 - 8
Sampled:	08/02/2005 10:50	Extracted:	8/4/2005 15:39
Matrix:	Water	QC Batch#:	2005/08/04-01.58

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Bicarbonate (as CaCO3)	61	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	1.00	08/04/2005 15:39	
Alkalinity (Total)	61	5.0	mg/L	1.00	08/04/2005 15:39	

Severn Trent Laboratories, Inc.

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Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

08/15/2005 11:22

Alkalinity (Total)

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111
Project: 41050001/FA20
Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Batch QC Report					
Prep(s): SM2320B		Water		Test(s): SM2320B	
Method Blank				QC Batch # 2005/08/04-01.58	
MB: 2005/08/04-01.58-001				Date Extracted: 08/04/2005	
Compound	Conc.	RL	Unit	Analyzed	Flag
Alkalinity, Carbonate (as CaCO3)	ND	5.0	mg/L	08/04/2005	
Alkalinity, Bicarbonate (as CaCO3)	ND	5.0	mg/L	08/04/2005	
Alkalinity, Hydroxide (as CaCO3)	ND	5.0	mg/L	08/04/2005	
Alkalinity (Total)	ND	5.0	mg/L	08/04/2005	

Alkalinity (Total)

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Site: 1693 Central Ave., McKinleyville

Batch QC Report										
Prep(s): SM2320B					Test(s): SM2320B					
Laboratory Control Spike			Water			QC Batch # 2005/08/04-01.58				
LCS	2005/08/04-01.58-002		Extracted: 08/04/2005			Analyzed: 08/04/2005				
LCSD	2005/08/04-01.58-003		Extracted: 08/04/2005			Analyzed: 08/04/2005				
Compound	Conc. mg/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Alkalinity (Total)	2370	2370	2500	94.8	94.8	0.0	80-120	20		

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Metals

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Conoco Phillips #01106

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Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	08/02/2005 05:36	Water	1
MW-3	08/02/2005 08:14	Water	2
MW-4	08/02/2005 08:45	Water	3
MW-5	08/02/2005 09:07	Water	4
MW-9	08/02/2005 10:00	Water	5
MW-7	08/02/2005 09:32	Water	6
MW-8	08/02/2005 10:26	Water	7
MW-2	08/02/2005 10:50	Water	8

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Metals

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Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s): 3010A	Test(s): 6010B
Sample ID: MW-1	Lab ID: 2005-08-0081 - 1
Sampled: 08/02/2005 05:36	Extracted: 8/3/2005 14:55
Matrix: Water	QC Batch#: 2005/08/03-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Manganese	3.8	0.0050	mg/L	1.00	08/04/2005 16:49	

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Metals

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Conoco Phillips #01106

Received: 08/03/2005 09:25

Site: 1693 Central Ave., McKinleyville

Prep(s): 3010A	Test(s): 6010B
Sample ID: MW-3	Lab ID: 2005-08-0081 - 2
Sampled: 08/02/2005 08:14	Extracted: 8/3/2005 14:55
Matrix: Water	QC Batch#: 2005/08/03-02.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Manganese	0.055	0.0050	mg/L	1.00	08/04/2005 16:53	